

Connectors – RF Coaxial

Latest Products from...

RF Coaxial/BNC

Tyco Electronics



See page 1816

Microminiature Coaxial Connectors

multicomp



See page 1834

RF Lead Assemblies

Amphenol



See page 1852

RF Connector Crimping Tools

Paladin Tools



See page 1856

	Page
1.6/5.6 Coaxial Connectors	1847
Adaptors and Accessories	1823
BNC Economy Series	1814
BNC Series	1816
Cable Group and Tooling Guides	1813
Coaxial Connectors	1829
Coaxial Terminators	1844
Filtered BNC Series	1821
Insulated BNC Series	1825
Inter Series Adaptors	1848
MCX Series	1836
Microminiature Coaxial Connectors	1833
MMBX Series - Snap On Coupling	1833
Miniature UHF Series	1848
Mini BNC Series	1826
N Series	1828
PCB Mounting BNC Jacks	1821
PET 100 Series	1838
QMA Series - Snap On Coupling	1838
RF Cable Stripping Tools	1855
RF Connector Accessories	1850
RF Connector Crimping Tools	1856
RF Lead Assemblies	1851
Satellite Connectors - F Series	1844
Sealed BNC Series	1825
SMA Series - Screw Coupling	1838
SMB Series - Snap on Coupling	1842
SMC Series - Screw Coupling	1844
Subminiature Coaxial	1836
Television Style Connectors	1845
TNC Series	1826
Touch Proof BNC Series	1825
Triaxial	1846
Twinaxial 70 Series	1846
Twist On BNC Series	1821
Type 43 Series	1846
UHF Series	1847
Ultra-Miniature Coaxial	1831
Connectors Linecard	1960

RF Coaxial

255365

BNC Series  SEE PAGE 1816	Insulated BNC Series  SEE PAGE 1825	Pet 100 Series  SEE PAGE 1838	TV Style Co-ax  SEE PAGE 1845	UHF Series  SEE PAGE 1847
Digital BNC  SEE PAGE 1821	Touch Proof BNC Series  SEE PAGE 1825	SMA Series  SEE PAGE 1838	FME Series  SEE WEBSITE	Miniature UHF Series  SEE PAGE 1848
Twist on BNC  SEE PAGE 1821	Co-ax  SEE PAGE 1829	SMB Series  SEE PAGE 1842	Twinaxial - Insulated  SEE WEBSITE	Inter Series Adaptors  SEE PAGE 1849
Filtered BNC Series  SEE PAGE 1821	MCX Series  SEE PAGE 1836	SMC Series  SEE PAGE 1844	Twinaxial- Sub Miniature  SEE WEBSITE	QSL RF Connector System  SEE PAGE 1838
PCB Mount BNC  SEE PAGE 1821	Sub-miniature Co-ax  SEE PAGE 1836	TNC Series  SEE PAGE 1826	Triaxial  SEE PAGE 1846	RF Lead Assemblies  SEE PAGE 1852
BNC Adaptors  SEE PAGE 1823	Microminiature Co-ax  SEE PAGE 1834	Coaxial Terminators  SEE PAGE 1844	Type 43 Series  SEE PAGE 1847	RF Cable Stripping Tools  SEE PAGE 1855
Sealed BNC Series  SEE PAGE 1825	N-Series  SEE PAGE 1828	F Series  SEE PAGE 1844	1.6/5.6 Series  SEE PAGE 1847	RF Cnctr Crimping tools  SEE PAGE 1856

Cable Group and Tooling Guides

Cable Group	Impedance	Cable Types					Crimping Tool	Nominal Cable Diameters	
		Farnell Order Code (in bold)						Order Code	Outer Core
A25	75Ω	RG59/BU 100M	RG140/U	UR90			887-146 + 887-158	6.15mm	1/0.64mm Solid
		120-2739 & 121-7839	–	–					
B10	50Ω	RG58/CU/100M & 121-9357	9907				887-146 + 887-158	4.95mm	19/0.18mm Stranded
		120-2661	118-2073						
H334	105Ω	9207	8227	7362211				8.2mm	Twin 0.97mm
001	50Ω	PSF1/4M	RG8A/U	RG213/U	UR69			10.3mm	7/0.75mm Stranded
		–	–	164-3738 & 121-7822	–				
001	75Ω	RG11A/U	RG36B/U	RG114A/U	UR64	8213		7.5mm	1/0.8mm Solid
		118-2077	–	–	–	118-2077			
007	75Ω	PSF1/2M	8281					2.8mm	7/0.17mm Stranded
		–	–						
010	50Ω	RG58C/U	RG141A/U	UR43	UR76	9907	887-146 + 887-158	5.0mm	1/0.9mm Solid 7/0.32mm Stranded
		120-2661	–	121-7790	121-7797	118-2073			
012	75Ω	UR70					887-146 + 887-195	5.8mm	7/0.19mm Stranded
		121-7846							
022	50Ω	RG174A/U	RG188A/U	RG316/U	UR95		887-146 + 887-183	2.8mm	7/0.17mm Stranded
		120-2737	–	121-7851	–				
022	75Ω	RG179B/U	RG187A/U	TM3289	UR111		887-146 + 887-195	2.54mm	7/38AWG Stranded
		121-7849 & 142-3311	–	–	–				
025	75Ω	RG59B/U	RG62A/U	RG140/U	RG210/U	TM3304	887-146 + 887-158	6.15mm	1/0.64mm Solid
		120-2739	121-7843	–	–	–			
028	75Ω	UR203	UR205					7.25mm	1/1.12mm Solid
		–	–						
052	75Ω	UR201	UR202	T3020	T3022			5.1mm	7/0.25mm Stranded
		–	–	–	–				
062	75Ω	BT500B	BT2003	BT2003A			584-710	6.6mm	1/0.61mm Solid
		–	–	–					
073	50Ω	RG402/U	UT141A					3.58mm Semi Rigid	1/0.9mm Solid
		–	–						
075	50Ω	RG405/U						2.2mm Semi Rigid	1/0.5mm Solid
		118-2076							
079	75Ω	RG6A/U	CT100	9248				6.86mm	1/1.02mm Solid
		118-2076	268-770	118-2076					
117	75Ω	BT502B	BT2002					5.1mm Semi Rigid	7/0.2mm Stranded
		–	–						
336	75Ω	PSF1/3M					887-146 + 887-171	6.4mm	1/0.6mm Solid
		–							
373	50Ω	9880						10.3mm	1/2.17mm Solid
		–							
437	75Ω	BT3002	TZC750/24						1/0.31mm Solid
		–	–						

RF Cable Group Reference Table

230382

Cable	Applicable	Farnell
Group	Cables	Order Codes
01	RG141	–
	RG303	–
	RG58	–
	RG58A	118-2133
	RG58C	120-2666
01A	RG142	121-7818
	RG142A	–
	RG142B	142-3293
	RG223	121-7827
	RG400	–
	RG55	–
03	RG140	–
	RG210	–
	RG59	–
	RG59A	118-2173
	RG59B	120-2739
	RG62	–
	RG62A	121-7843
05	RG174	–

Cable	Applicable	Farnell
Group	Cables	Order Codes
	RG188	–
	RG188A	–
	RG316	121-7852, 142-3323
05A	RD316	–
06	RG179	–
	RG179A	–
	RG179B	121-7850, 142-3311
	RG187	–
	RG187A	–
07	RG213	121-7822, 164-3738
	RG393	–
	RG8	593-576
08	RG8A	–
	RG143	–
	RG212	–
	RG6	142-3220
14	RG178	505-1265, 128-5813
	RG178A	–
	RG178B	121-7820, 142-3309
	RG196	–
	RG196A	130-2767

Cable Group and Tooling Guides - continued

RF Cable Group Reference Table - continued

Cable	Applicable	Farnell
Group	Cables	Order Codes
16	RG122	—
	RG180	—
	RG180A	—
	RG195	—
	BT3002	—

RF Cable Group Reference Table

243862

Cable group	Cable type	Farnell Order Code
FLEXIBLE CABLE ext. Ø<2.5mm core		
2/50 S	RG 178 B/U RG 196 A/U URM 110 KX 21 A	121-7850, 142-3311 130-2767 — —
2/75 S	FILOTEX Et. 288499	—
2.6/50 S	RG 174 A/U RG142 RG 188 A/U RG 316/U URM 95 URM 109 URM 116 KX 3B KX 22A	120-2737 121-7818 — 121-7852, 142-3323 — — — — —
2.6/50 D	RD316 KX 22D	— —
2.6/75 S	RG 179 B/U RG 187 A/U URM 111	121-7850, 142-3311 — —
2.6/75 D	RD179	—
5/50 S	RG 58 C/U RG 141 A/U RG 303/U URM 43 URM 72 URM 76 URM 108 URM 301 KX 15 LMR 200	121-9357, 411-9010 — — 121-7845 — 139-0048 — — — — —
5/50 D	RG 55 B/U RG 142 B/U RG 223/U RG 400/U KX 23	— 142-3293 121-7827 — —
5/75 S	URM 104 URM 202	— —
6/75 S	RG 59 B/U RG 140/U URM 70 URM 90 URM 117 KX 6A KX 25 KX 52 KX 53	120-2739, 121-7839 — 121-7846 — — — — — — —
10/50 S	RG 165/U RG 213/U RG 215/U URM 67 URM 102 KX 4	— 121-7822, 164-3738 — 139-0049 — —
10/50 D	RG 393	—
10/75 D	RG 11 A/U RG 12 A/U RG 144 A/U URM 57 URM 65 KX 8	— — — — — —
11/50 D	RG 119/U RG 214/U RG 225/U URM 91 URM 112 KX 13 KX 24	— — — — — — — —
11/75 D	RG 216/U URM 60	— —

Cable group	Cable type	Farnell Order Code
SEMI-RIGID CABLE		
0.085	RG 405/U RG 405/001 UT 141 A KS 2	711-299 — — —
0.141		
0.141	RG 402/U RG 402/001 UT 141 A KS 2	711-275 — — —
BT QUALIFIED		
3.6/75 D	BT 3002 TZC 75024	— —

BNC Economy Series

ZDC Series



- Fully intermateable with industry standard connectors and designed to **MIL-C-39012** and **MIL STD348A**
- Cost effective
- RoHS compliant

Impedance 50Ω 75Ω Temperature Range
 Frequency Range 0-4GHz 0-2GHz Mating Cycles -55°C to +85°C
 Working Voltage 500V RMS — Body 50
 Contact Resistance 1.5mohm max Contacts Zinc / Nickel plated
 Insulation Resistance 5000Mohm Insulation Brass / Gold plated

422591

BNC Straight Crimp Plugs



Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
5-1634500-2	102-0982	5-1634500-1	102-0984	5-1634502-2	102-0987
5-1634500-3	102-0983	5-1634500-0	102-0986	5-1634502-3	102-0988

422566

Impedance	Cable Type	Cable Group	Order Code	1+	10+	50+	100+
50Ω	RG58C/U	010	102-0982●	0.70	0.65	0.62	0.58
50Ω	RG174C	022	102-0984●	1.04	0.96	0.92	0.86
75Ω	RG59C	025	102-0987●	0.74	0.68	0.65	0.62
Order Multiple = 100 Bulk Packed - Tray							
				100+	1K+		
50Ω	RG58C/U	010	102-0983●	0.74	0.70		
50Ω	RG174C	022	102-0986●	1.12	1.03		
75Ω	RG59C	025	102-0988●	0.81	0.78		

BNC Straight Crimp Jacks



Mfrs. List No.	Order Code
5-1634511-2	102-0976
5-1634511-3	102-0977
5-1634514-1	102-0978
5-1634514-0	102-0979

422642

Impedance	Cable Type	Cable Group	Order Code	1+	10+	50+	100+
50Ω	RG58C/U	010	102-0976●	1.03	0.95	0.91	0.85
75Ω	RG59C	025	102-0978●	1.06	0.98	0.94	0.87
Order Multiple = 100 Bulk Packed - Tray							
50Ω	RG58C/U	010	102-0977●	1.07	1.03		
75Ω	RG59C	025	102-0979●	1.13	1.07		

BNC Bulk Head Sockets 50Ω and 75Ω



Prices are in £ sterling & exclusive of VAT

Mfrs. List No. 5-1634523-1 5-1634504-1	Order Code 102-0951 102-0952	Mfrs. List No. 5-1634504-2	Order Code 102-0953
422593			

	Order Code	1+	10+	50+	100+
Non-insulated with Tag 50Ω	102-0951●	0.78	0.72	0.69	0.65
Insulated without Tag 50Ω	102-0952●	1.30	1.20	1.15	1.08
75Ω	102-0953●	1.30	1.20	1.15	1.08

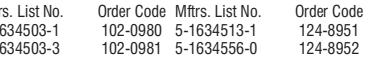
BNC Bulkhead Jacks, Crimp**Tyco Electronics**

Mfrs. List No.
5-1634516-1
5-1634516-5

Order Code
102-0972
102-0974

422633

	Cable Type	Cable Group	Order Code	1+	10+	50+	100+
50Ω	RG58	010	102-0972●	1.54	1.42	1.35	1.28
75Ω	RG59	025	102-0974●	1.70	1.57	1.49	1.41

BNC PCB Socket**Tyco Electronics**

Mfrs. List No.
5-1634503-1
5-1634503-3

Order Code
102-0980
102-0981

422655

	Order Code	1+	10+	50+	100+
Straight					
50Ω	102-0980●	0.83	0.77	0.73	0.68
75Ω	102-0981●	0.82	0.76	0.72	0.68
Right Angle					
50Ω	124-8951●	1.37	1.27	1.22	1.15
Right Angle - Bulkhead					
50Ω	124-8952●	1.63	1.52	1.45	1.37

BNC PCB Socket**Tyco Electronics**

Mfrs. List No.
5-1634506-1
5-1634506-2

Order Code
124-8954
124-8955

451132

	Order Code	1+	10+	50+	100+
50Ω	124-8954●	0.83	0.77	0.74	0.70
75Ω	124-8955●	0.88	0.82	0.78	0.74

BNC PCB Socket
Edge Mount, Bulkhead**Tyco Electronics**

Mfrs. List No.
5-1634521-1

Order Code
124-8949

451136

Impedance		Order Code	1+	10+	50+	100+
50Ω		124-8949●	1.42	1.32	1.26	1.19

BNC PCB Insulated Sockets**Tyco Electronics**

Shielded

Insulated

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
1-1337541-0	102-0959	1-1634612-0	102-0957	1-1478031-0	102-0962
1-1634505-0	102-0960	1-1478032-0	102-0963	1-1634624-0	102-0964
1-1478033-0	102-0967	1-1634622-0	102-0965	1-1337494-0	102-0958
1-1634629-0	102-0968	1-1337542-0	102-0954	1-1634508-0	102-0966
1-1337543-0	102-0955	1-1634613-0	102-0956		

422595

Impedance	Colour	Order Code	1+	10+	50+	100+
Vertical						
50Ω	White	102-0959●	1.15	1.06	1.02	0.95
50Ω	Black	102-0960●	1.15	1.06	1.02	0.95
75Ω	White	102-0967●	1.14	1.05	1.01	0.94
75Ω	Black	102-0968●	1.14	1.05	1.01	0.94
90°						
50Ω	White	102-0955●	1.14	1.05	1.01	0.94
50Ω	Black	102-0957●	1.14	1.05	1.01	0.94
75Ω	White	102-0963●	1.14	1.05	1.01	0.94
75Ω	Black	102-0965●	1.15	1.06	1.02	0.95
90° Low Profile						
50Ω	White	102-0954●	1.15	1.06	1.02	0.95
50Ω	Black	102-0956●	1.14	1.05	1.01	0.94
75Ω	White	102-0962●	1.15	1.06	1.02	0.95
75Ω	Black	102-0964●	1.14	1.05	1.01	0.94
90° Shielded						
50Ω		102-0958●	1.80	1.65	1.58	1.50
75Ω		102-0966●	1.47	1.36	1.29	1.22

422625

BNC Hex Nut & Washer**Tyco Electronics**

Mfrs. List No.
1-1634816-0
1-1634817-0

Order Code
102-0969
102-0970

BNC Adapters**Tyco Electronics**

Mfrs. List No.
5-1634532-1
5-1634534-1

Order Code
102-0971
102-0975

422631

Impedance	Type	Order Code	1+	10+	50+	100+
50Ω	Male / Female / Female	102-0971●	1.16	1.07	1.02	0.96
50Ω	Female - Female	102-0975●	0.98	0.90	0.87	0.81

BNC Adapters**Tyco Electronics**

Mfrs. List No.
50Ω R/A Plug - Jack
50Ω T - Jack
50Ω B/Head Jack - Jack

Order Code
124-8950●
124-8953●
124-8991●

1.84
1.55
1.37

1.71
1.64
1.27

1.44
1.38
1.27

1.26
1.30
1.22

1.19
1.06
1.15

451129

Connectors – RF Coaxial

BNC Series**BNC Series**

A new range of BNC connectors which accept a wide range of coaxial cables. Fully intermateable with industry standard connectors and designed to **MIL-C-39012**, **IEC** and **CECC** specifications.

Impedance	50Ωohm	75Ω
Frequency Range	0-4GHz	0-2GHz
Working Voltage	500V RMS	
Contact Resistance	1.5mΩ Centremohm	
Insulation Resistance	0.2mΩ Outer	
Temperature Range	5000MΩ AußenMohm	
Mating Cycles	-65 °C to 165 °C	
Body	Brass - Silver/Nickel plated Brass	
Centre Contacts	Brass - Silver/Gold plated Brass	
Insulation	Teflon	

231076

**BNC Clamp Plugs**

50Ω and 75Ω



231075



Cable Type	Cable Group	Order Code	1+	Price Each	10+	50+	100+
Silver plated bodies and centre contacts							
Straight 50Ω							
RG58	010	120-5943●	2.03	1.89	1.80	1.74	
RG174	022	105-6235●	2.62	2.41	2.30	2.18	
URM67	001	105-6236●	5.09	4.69	4.49	4.24	
Straight 75Ω							
URM70	012	105-6237●	1.99	1.80	1.76	1.65	
RG179	022	105-6238●	2.62	2.41	2.30	2.18	
RG59	025	120-5944●	2.31	2.05	1.92	1.79	
URM202	052	105-6239●	2.23	1.98	1.85	1.77	
BT2003	062	105-6240●	2.31	2.05	1.92	1.84	
Elbow 50Ω							
RG58	010	105-6241●	6.28	5.85	5.61	5.27	
RG174	022	105-6242●	5.76	5.36	5.13	4.85	
Elbow 75Ω							
RG59	025	105-6245●	5.89	5.24	4.92	4.59	
RG179	022	105-6246●	5.62	5.23	5.01	4.73	

BNC Clamp Plugs and Jacks

50Ω and 75Ω 'Top Hat' Style



239071

- A range of pressure sleeve clamp plugs and jacks
- Features 'Top Hat' clamping style

- Faster to terminate than braid clamp types

Cable	Mfrs. List No.	Order Code	1+	Price Each	50+	100+
Straight Plug 50Ω						
RG174	1-1478402-0	105-6295●	2.66	2.50	2.40	
RG58	1-1478401-0	105-6296●	2.12	1.99	1.91	
RG213	1-1478400-0	105-6297●	6.14	5.27	5.03	
Straight Plug 75Ω						
RG179	1-1478403-0	105-6298●	2.66	2.50	2.40	
RG59	1-1478404-0	105-6299●	2.30	2.16	2.07	
URM70	1-1478408-0	105-6301●	2.24	1.93	1.83	
Straight Jack 50Ω						
RG58	1-1478409-0	105-6302●	3.75	3.50	3.36	

BNC Crimp Plugs

50Ω and 75Ω



231078

Mfrs. List No. 1205945 1-1337439-0=105-6250 1-1337440-0=105-6252
 1-1337430-0=120-5946 1-1478075-0=105-6251 1-1337495-0=105-6248
 1-1337432-0=120-5947 1-1337438-0=120-5951 1-1337496-0=105-6249
 1-1337429-0=120-5949

Cable Type	Cable Group	Order Code	1+	Price Each	10+	50+	100+
Silver plated bodies and centre contacts							
Straight 50Ω							
RG58	010	120-5945●	1.71	1.60	1.53	1.45	
RG174	022	120-5946●	2.02	1.88	1.80	1.71	
Straight 75Ω							
RG179	022	120-5947●	2.45	2.28	2.18	2.06	
RG59	025	120-5949●	1.71	1.60	1.53	1.45	
Elbow 50Ω							
RG174	022	105-6250●	6.67	6.21	5.95	5.60	
RG58	010	105-6251●	4.17	3.84	3.67	3.47	
Elbow 75Ω							
RG59	025	120-5951●	4.54	4.23	4.05	3.83	
RG179	022	105-6252●	6.55	6.10	5.85	5.50	
Nickel plated bodies and gold contacts							
Straight 75Ω							
BT2002	117	105-6248●	1.82	1.70	1.63	1.54	
BT3002	437	105-6249●	1.52	1.46	1.38	1.30	

BNC Solder Jacks

50Ω and 75Ω



Mfrs. List No.

 1-1337423-0=120-5952
 1-1337424-0=105-6254
 1-1478148-0=105-6255


231080

Cable Type	Cable Group	Order Code	1+	Price Each	10+	50+	100+
Silver plated bodies and centre contacts							
Straight 50Ω							
RG58	010	120-5952●	3.60	3.36	3.04	2.67	
Straight 75Ω							
RG59	025	105-6254●	3.43	3.20	2.98	2.82	
Bulkhead 50Ω							
RG58	010	105-6255●	4.18	3.85	3.69	3.48	

BNC Crimp Jacks

50Ω and 75Ω



231083

Cable Type	Cable Group	Order Code	1+	Price Each	10+	50+	100+
Silver plated bodies and centre contacts							
Straight 50Ω							
RG58	010	120-5953●	2.08	1.94	1.86	1.75	
Straight 75Ω							
URM70	012	105-6257●	2.45	2.29	2.18	2.07	
RG179	022	105-6258●	2.70	2.62	2.57	2.46	
RG59	025	120-5954●	2.08	1.94	1.86	1.75	
Silver plated bodies and gold contacts							
Bulkhead 50Ω							
RG174	022	120-5956●	2.82	2.62	2.43	2.27	
Silver plated bodies and contacts							
Bulkhead 50Ω							
RG58	010	120-5957●	3.32	3.09	2.96	2.80	
Bulkhead 75Ω							
RG59	025	120-5958●	3.34	3.11	2.98	2.81	

BNC Panel Plugs

50Ω and 75Ω



Mfrs. List No. 1-1337488-0=105-6259 1-1478052-0=105-6260

231094

Impedance	Order Code	1+	10+	50+	100+
Silver plated bodies					
50Ω	105-6259●	3.99	3.72	3.41	3.36
75Ω	105-6260●	4.04	3.76	3.45	3.40

BNC Sockets
50Ω and 75Ω


231095

Impedance	Order Code	1+	10+	50+	100+
Silver plated bodies and centre contacts					
Bulkhead					
50Ω	Solder Tag	120-5959●	2.32	2.13	2.04
50Ω	W/O Solder Tag	105-6261●	2.17	2.03	1.84
75Ω	Solder Tag	120-5960●	1.96	1.81	1.72
75Ω	W/O Solder Tag	105-6262●	2.17	2.02	1.86
Nickel plated bodies and gold contacts					
Insulated Bulkhead					
50Ω		120-5963●	1.85	1.81	1.76
75Ω		105-6264●	2.06	2.02	1.97
Silver plated bodies and gold contacts					
Panel					
50Ω		105-6263●	2.93	2.72	2.52
75Ω		120-5962●	3.10	2.88	2.66
PCB Straight					
50Ω	Square	120-5964●	2.37	2.21	2.11
50Ω	Round	105-6271●	2.37	2.21	2.11
PCB Elbow					
50Ω		105-6272●	4.55	4.24	4.05
					3.83

BNC Plugs Cable Mounting 50Ω and 75Ω



- BNC plugs with an impedance of 50Ω up to 4GHz and 75Ω up to 2Ghz
- Crimp, Clamp or Twist On termination

Impedance	50Ω	75Ω
Frequency Range	0-4Ghz	0-1Ghz
VSWR	1.3max 0-4GHz	1.05 +0.1f (GHz) DC to 1GHz
Contact Resistance	1.5MΩ Centre	1.5MΩ Centre
	1MΩ Outer	1MΩ Outer
Insulation Resistance	5000MΩ	5000MΩ
Body	Brass, Nickel plated	
Contacts	Pin: Brass - Gold plated	
Insulation	Socket: Phosphor Bronze - Gold plated	
Mfrs. List No.	Order Code	Mfrs. List No.
B1121A1-ND3G-3-75	111-1257	B1112A1-ND3G-3-75
B1121A1-ND3G-3-75	111-1257	B1112A1-ND3G-1-50
B1121A1-ND3G-1A-50	111-1259	B1112E1-ND3G-5-50
B1121A1-ND3G-1-50	111-1260	B1141A1-ND3G-3-75
B1121E1-ND3G-6-75	111-1261	B1141A1-ND3G-1-50
B1121E1-ND3G-5-50	111-1262	B1141C1-ND3G-5-50
B1121A9-003-NT3G-75	111-1263	

230313

Cable Type	Impedance	Cable Group	Tool No.	Order Code	1+	10+	50+	100+
Straight Crimp Plugs								
RG59	75Ω	3	4	111-1257●	1.49	1.40	1.33	1.14
RG142	50Ω	1A	3 or 4	111-1259●	1.27	1.19	1.09	0.97
RG58	50Ω	1	3 or 4	111-1260●	1.30	1.21	1.15	1.01
RG179	75Ω	6	3	111-1261●	1.90	1.81	1.70	1.46
RG174	50Ω	5	3	111-1262●	1.78	1.69	1.59	1.39
RG122	75Ω	16	Pliers 6A	111-1263●	2.02	1.86	1.68	1.34
Right Angle Crimp Plugs								
RG59	75Ω	3	4	111-1264●	5.14	4.49	3.84	2.21
RG58	50Ω	1	3 or 4	111-1265●	5.14	4.49	3.84	2.21
RG174	50Ω	5	3	111-1266●	5.89	5.17	4.43	2.54
Straight Clamp Plugs								
RG59	75Ω	3		111-1268●	2.01	1.98	1.92	1.86
RG58	50Ω	1		111-1269●	1.93	1.89	1.86	1.82
RG174	50Ω	5		111-1270●	1.96	1.75	1.56	1.47

BNC Jacks Cable Mounting 50Ω and 75Ω



- Straight BNC Bulkhead jacks with an impedance of 50Ω, up to 4GHz or 75Ω, up to 2Ghz
- Termination: Crimp, Solder
- Intermateable with other makes

Impedance	50Ωohm	75Ωohm
Frequency Range	GHZ0-4GHz	GHZ0-1Ghz
VSWR	1.3max 0-4GHz	1.05 +0.1f (GHz) DC to 1GHz
Contact Resistance	1.5mΩ Centremohm	1.5mΩ Centremohm
Insulation Resistance	1mΩ Otermohm	1mΩ Otermohm
Body Contacts	5000MΩMohm	5000MΩMohm
Contacts	Brass, Nickel plated	Brass - Gold plated
Pin:	Brass - Gold plated	Phosphor Bronze - Gold plated
Socket:	Teflon/Delrin	

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

230372

Cable Type	Impedance	Cable Group	Tool No.	Order Code	1+	10+	50+	100+
Straight Crimp Jacks								
RG59	75Ω	3	4	111-1272●	2.25	2.14	2.04	1.83
RG58	50Ω	1	3 & 4	111-1273●	2.21	2.11	2.01	1.81
RG179	75Ω	6	9	111-1274●	2.34	2.25	2.18	2.05
RG174	50Ω	5	9	111-1275●	2.54	2.47	2.37	2.22

BNC Jacks Bulkhead Mounting 50Ω and 75Ω



- Straight BNC Bulkhead jacks with an impedance of 50Ω, up to 4GHz or 75Ω, up to 2Ghz
- Termination: Crimp
- Intermateable with other makes

Impedance	50Ωohm	75Ωohm
Frequency Range	0-4GHz	0-1GHz
VSWR	1.3 max 0-4GHz	1.05 +0.1f (GHz) DC to 1GHz
Contact Resistance	1.5 mΩ Centremohm	1.5 mΩ Centremohm
Insulation Resistance	1 mΩ Otermohm	1 mΩ Otermohm
Body Contacts	Brass - Nickel plated	Brass - Nickel plated
Pin:	Brass - Gold plated	Phosphor Bronze - Gold plated
Socket:	Teflon/Delrin	

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

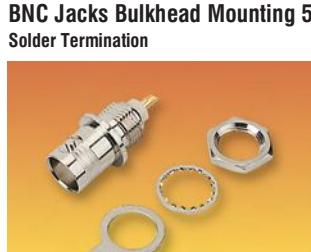
230373

Cable Type	Impedance	Cable Group	Tool No.	Order Code	1+	10+	50+	100+
Bulkhead Crimp Jacks								
RG59	75Ω	3	4	111-1276●	2.29	2.07	1.85	1.72
RG58	50Ω	1	4	111-1277●	2.29	2.07	1.85	1.72
RG179	75Ω	6	9	111-1278●	2.08	1.95	1.83	1.60
RG174	50Ω	5	9	111-1281●	2.77	2.59	2.43	2.10
Bulkhead Crimp Jacks - Insulated								
RG58	50Ω	1	4	111-1282●	2.61	2.53	2.46	2.35
RG59	75Ω	3	4	111-1283●	2.61	2.53	2.46	2.35
RG174	50Ω	5	9	111-1284●	3.53	3.41	3.27	3.09

BNC Jacks Bulkhead Mounting 50Ω and 75Ω



Solder Termination



- Bulkhead receptacles with an impedance of 50Ω up to 4GHz or 75Ω up to 2 Ghz
- Solder termination

BNC Series - continued**BNC Jacks Bulkhead Mounting 50Ω and 75Ω - continued****Solder Termination - continued**

Impedance	50Ωohm	75Ωohm
Frequency Range	0-4GHz	0-2GHz
VSWR	1.3 max	1.05 max
Contact Resistance	mΩ Centre	mΩ Centre
Insulation Resistance	1mΩ Outerohm	1mΩ Outer
Body	Brass - Nickel plated	BrassNickel
Contacts	Pin: Brass - Gold plated	BrassGold
Insulation	Sockets: Phosphor Bronze - Gold plated	Phosphor BronzeGold
	Delrin/Delrin	

230314

Mfrs. List No.	Imped- ance	Order Code	1+	10+	25+	Price Each
						100+
Bulkhead Receptacle						
B6351B1-ND3G-50	50Ω	111-1286●	1.29	1.20	1.08	0.95
B6351B1-ND3G-75	75Ω	111-1287●	1.29	1.20	1.08	0.95
Bulkhead Receptacle Isolated						
B6651B1-NNY13G-50	50Ω	111-1288●	2.16	2.02	1.89	1.63
B6651B1-NNY13G-75	75Ω	111-1289●	2.20	2.11	1.99	1.75

BNC Panel Plugs and Jacks 50Ω**Flange Mounting**

- Panel plugs and sockets with an impedance of 50Ω up to 4GHz
- Solder cable termination

Impedance	50Ωohm
Frequency Range	0-4GHz
VSWR	1.3
Withstand Voltage	1500V rms
Insulation Resistance	5000GΩ
Body	Brass - Nickel plated
Contacts	Plug: Brass - Gold plated
	Socket: Phosphor Bronze, Gold plated
Insulator	Teflon

230338

Mfrs. List No.	Order Code	1+	10+	25+	Price Each	100+
Panel Receptacle Plug						
B1551A1-NT3G-50	111-1290●	2.70	2.59	2.48	2.30	
Panel Receptacle Jack						
B6551A1-NT3G-50	111-1291●	1.88	1.81	1.71	1.61	

Standard BNC Series - 50Ω

RADIALL®

- Worldwide standardised coaxial connectors
- Bayonet coupling
- Good RF performance
- Proven strength and reliability
- 50 and 75Ω BNC connectors are intermateable with one another

Applications : Civil and military telecommunications, measurement and instrumentation, general electronics.....

Impedance:	50ohm
Frequency range:	0-4GHz
Typical VSWR:	1.30 max.
Working voltage in VRMS (at sea level):	500V
Insertion loss:	0.2dB max. at 3GHz
RF leakage:	-55dB min. from 2 to 3GHz
Insulation resistance:	5000Mohm min.
Durability:	500 matings
Temperature range:	-65°C to +165°C
Body:	Brass - Nickel plated
Center contact:	Male: Brass - Gold plated
Insulator:	Female: Bronze or heat treated beryllium - Gold plated
Gaskets:	PTEF
	Silicone rubber

Mfrs. List No. Order Code MIL standard NF standard Mfrs. List No. Order Code MIL standard NF standard
R141004000 419-4937 R141018000 419-4962
R14107000 419-4949 UG. 88/U R141075000 419-4974
R141008000 859-1334 R141082000 419-4998 UG. 1785/U KBN 21
R14109000 859-1342 R141154000 859-1385
R141011000 859-1350 R141156000 419-5012 UG. 913A/U KBN 33
R141013000 859-1377 R141182000 419-5024

Plugs

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Straight plug clamp type							
2.6/50 S+D	RG174	419-4937●	5.69	5.42	4.85	4.54	
5/50 S	RG58	419-4949●	4.08	3.71	3.13	2.84	
5/50 S+D	RG55	859-1334●	5.21	4.81	4.41	4.07	
5/50 S+D	RG	859-1342●	5.36	4.94	4.54	4.18	
6/75+93	RG59	859-1350●	4.37	4.05	3.71	3.42	
6/75+93	RG59	859-1377●	3.62	3.34	3.07	2.84	
10+11/50 S+D	RG165	419-4962●	6.42	5.98	5.73	5.47	

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Right angle plug clamp type							
2.6/50 S+D	RG	859-1385●	11.73	11.16	10.60	10.07	
5/50 S+D	RG58	419-5012●	7.34	6.92	6.62	6.33	
Straight plug full crimp type							
2.6/50 S	RGRG174	419-4974●	3.26	3.10	2.77	2.63	
5/50 S	RG58	419-4998●	2.51	2.25	1.87	1.72	
Right angle plug full crimp type							
5/50 S	RG58	419-5024●	14.52	13.02	11.05	9.97	

Jacks

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R141207000	859-1393	R141306000	419-5050		
R141237000	859-1407	R141308000	859-1431		
R141254000	419-5036	R141324000	419-5061		
R141256000	859-1415	R141327000	419-5073		
R141277000	419-5048				

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Straight jack clamp type							
5/50 S+D	RG58,55	859-1393●	6.02	5.56	5.11	4.71	
Straight square flange jack clamp type							
2.6/50 S+D	RG174, RD316	419-5036●	8.62	8.27	7.42	6.88	
5/50 S+D	RG58, 55	859-1415●	9.46	8.70	8.00	7.37	
Straight insulated square flange jack clamp type							
2.6/50 S+D	RG174, RD316	419-5048●	13.70	12.38	10.47	9.43	
Straight bulkhead jack clamp type, fully sealed							
2.6/50 S	RG174	419-5061●	11.83	10.65	9.06	8.12	
5/50 S+D	RG58,55	419-5073●	8.71	7.86	6.71	6.00	
Straight jack crimp type							
5/50 S	RG58	859-1407●	5.06	4.66	4.27	3.93	
Straight bulkhead jack crimp type							
2.6/50 S	RG174	419-5050●	7.48	6.74	5.70	5.15	
5/50 S	RG58	859-1431●	2.88	2.73	2.67	2.60	

Receptacles

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R141404000	419-5085	UG. 290A/U	KBN 15	R141557000	419-5140
R141407000	859-1440			R141559000	419-5152
R141401000	419-5097			R141572000	419-5176
R141426000	419-5103			R141574000	419-5188
R141440000	419-5127			R141603000W	419-5206
R141554000	419-5139	UG. 625B/U		R141605000	419-5218
				R141605000	UG. 657A/U
				R141605000	KBN 17

Description	Order Code	1+	10+	25+	50+	Price Each
Straight bulkhead receptacle - solder pot						
	419-5139●	3.68	3.28	2.81	2.52	
Straight bulkhead receptacle - solder pot						
	419-5140●	2.20	2.09	1.86	1.74	
Straight bulkhead receptacle - solder tag						
	419-5152●	2.74	2.61	2.32	2.16	
Straight bulkhead insulated receptacle with solder tag						
	419-5176●	8.88	8.40	7.54	7.00	
Straight bulkhead insulated receptacle with solder tag						
	419-5188●	3.75	3.58	3.19	2.98	
Straight bulkhead receptacle, fully sealed						
Q-200-5 insulator	419-5206●	5.14	4.80	4.59	4.39	
PTFE insulator	419-5218●	4.13	3.72	3.17	2.84	
Flange receptacle						
	419-5085●	3.52	3.17	2.68	2.44	
Square flange jack receptacle-solder pot						
	859-1440●	2.99	2.74	2.54	2.33	
Insulated square flange receptacle with solder tag						
	419-5097●	5.38	4.84	4.13	3.69	
Straight PCB female receptacle						
	419-5103●	5.00	4.51	3.82	3.43	
Square flange male receptacle						
	419-5127●	9.01	8.09	6.89	6.20	

Adapters and accessories

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code

<tbl_r cells="6" ix

Applications : Civil Telecommunications, datacommunications, measurement and instrumentation, broadcast application, security & video systems, antennas, automotive industry, general electronics

Impédance: 50ohm Durability: 100 matings
 Frequency range : 0-1.5GHz Temperature range: -25°C to +70°C
 Operating voltage (VRMS): 500V Body: Brass - Nickel plated
 Testing voltage in (VRMS): 1500V Center contact: Brass- Gold plated (male and female)
 Insulation resistance: 5000Mohm min. Insulator: Polypropylene
 Contact resistance: 10mΩ

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R141007161	419-4950	R141563161	419-5164
R141075161	419-4986	R141574161	419-5190
R141082161	419-5000	R141665161	419-5243
R141426161	419-5115	R141720161	419-5292

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244885

Cable Group	Cable Type	Order Code	Price Each			
			1+	10+	25+	50+
Straight plug clamp type						
5/50 S+D	RG58,55	419-4950●	2.70	2.54	2.46	2.42
Straight plug crimp type						
2.6/50 S	RG174	419-4986●	2.11	2.00	1.96	1.92
5/50 S	RG58	419-5000●	1.92	1.69	1.56	1.36
Straight bulkhead female receptacle						
Straight insulated bulkhead female receptacle						
Straight female PCB receptacle	419-5190●	2.91	2.62	2.34	2.13	
Right angle female PCB receptacle	419-5115●	2.28	2.05	1.75	1.59	
Right angle female PCB receptacle	419-5243●	4.46	4.04	3.43	3.09	
Straight female/female bulkhead adapter	419-5292●	4.26	3.84	3.29	2.95	

Standard BNC series - 75Ω

RADIALL®



- Worldwide standardised coaxial connectors
- Bayonet coupling
- Good RF performance
- Proven strength and reliability
- 50 and 75Ω BNC connectors are intermateable with one another

Applications : Civil and military telecommunications, measurement and instrumentation, general electronics.....

Impedance: 75ohm
 Frequency range: 0-1.5GHz
 Typical VSWR: Straight models: 1.30 max.
 Right angle models: 1.35 max.
 Working voltage in VRMS (at sea level): Straight models: 0.2dB max. @ 1GHz
 Insertion loss: Right angle models: 0.3dB max. @ 1GHz
 -5dB min. from 2 to 3GHz
 RF leakage:
 Insulation resistance: 5000Mohm min.
 Durability: 500 matings
 Temperature range: -65°C to +165°C
 Body: Brass - Nickel plated
 Center contact: Male: Brass - Gold plated
 Female: Bronze or heat treated beryllium - Gold plated
 Insulator: PTFE
 Gaskets: Silicone rubber

Mfrs. List No. Order Code Mfrs. List No. Order Code Mfrs. List No. Order Code
 R142004000 859-1458 R142085000 419-5401 R142703000 859-1504
 R142016000 419-5358 R142095000 419-5425 R142704000 419-5462
 R142017000 541-7442 R142242000 859-1474 R142710000 859-1512
 R142018000 419-5360 R142306503 419-5449 R142720000 419-5474
 R142076000 419-5371 R142329000 859-1482 R142780000 419-5498
 R142083000 419-5395 R142562000 419-5450

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244898

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Straight plug clamp type							
2.6/75 S	RG179, RG187	859-1458●	7.68	7.08	6.49	5.98	
6/75 S	KX6A, RG59	419-5358●	3.11	2.86	2.64	2.42	
8/75 S+D	RG6	541-7442●	26.26	--	--	--	
10+11/75 S+D	KX8, RG11, RG144, RG216	419-5360●	12.54	11.55	10.63	9.77	
Right angle plug clamp type							
2.6/75 S	RG179, RG187	419-5371●	4.57	4.22	3.87	3.56	
5/75 D	3C2V	419-5395●	2.71	2.49	2.28	2.10	
6/75 S	KX6A, RG59	419-5401●	3.06	2.81	2.61	2.38	
10/75 S	KX8, RG11, RG144	419-5425●	5.52	5.08	4.68	4.29	
Straight bulkhead jack clamp type							
Straight jack crimp type							
6/75 S	KX6A, RG59	859-1474●	6.76	6.22	5.70	5.25	
Straight bulkhead jack crimp type							
2.6/75 S	RG179, RG187	419-5449●	8.90	8.17	7.54	6.93	
Straight bulkhead receptacle with solder pot							
Male-Male adapter	859-1504●	2.25	2.09	2.00	1.91		
Female-female adapter	419-5462●	10.46	9.64	8.88	8.16		
Square flange female-female adapter	859-1512●	10.28	9.42	8.69	8.00		
Female-female bulkhead adapter	419-5474●	5.08	4.69	4.29	3.95		
Male/female-female tee adapter	419-5498●	21.93	20.19	18.55	17.09		



40,000 PRICES REDUCED

Commercial BNC Series - 75Ω

RADIALL®



- Worldwide standardised coaxial connectors
- Bayonet coupling
- Good RF performance
- Proven strength and reliability
- Low cost range
- 50 and 75Ω BNC connectors are intermateable with one another

Applications : Civil Telecommunications, datacommunications, measurement and instrumentation, broadcast application, security & video systems, antennas, automotive industry, general electronics

Impedance: 75ohm
 Frequency range: 0-1.5GHz
 Operating voltage (VRMS) : 500V
 Testing voltage (VRMS): 1500V
 Insulation resistance: 5000Mohm min. Insulator: Polypropylene
 Contact resistance : 10mΩ

Mfrs. List No. Order Code Mfrs. List No. Order Code Mfrs. List No. Order Code
 R142076161 419-5383 R142085161 419-5413 R142720161 419-5486

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244907

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Straight plug crimp type							
2.6/75 S	RG179	419-5383●	2.66	2.60	2.49	2.39	
6/75 S	RG59	419-5413●	1.69	1.66	1.59	1.52	
Straight female-female bulkhead adapter							
		419-5486●	3.44	3.23	3.14	3.11	

311615

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
2451	443-5941	4.19	4.07	3.95	

BNC Panel Receptacle - 50 Ohm

Pomona Electronics



- Female BNC panel receptacle
- Shell brass (tarnish resistant plating)
- Centre contact gold plated beryllium copper

311615

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
3778	443-5928	8.79	8.53	8.27	

311613

Isolated Ground BNC Female to Female Adaptor

Pomona Electronics



- Mounts in panels up to .175 (4.45) thick
- Mounting hardware is isolated from outer conductor of BNC

311578

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
3846	443-5503	13.23	12.83	12.44	

209589

SPC multicomP

This range of BNC connectors conform to the IMIL-C-39012 standard. They are intermateable with other connectors made to these or US MIL specification (MIL-C-39012).
 Current rating 1A dc max
 Working voltage 500V ac or dc peak
 Proof voltage 2kV ac or dc peak
 Contact impedance 1.5mΩ max
 VSWR *less than 1.35:1 up to 4GHz
 (* dependent on cable type)
 Temperature range -65°C to +165°C
 Housing Brass body, silver or nickel plated
 Insulators PTFE
 Contacts Silver or Gold plated Brass
 Sealing gaskets Silicone rubber

BNC Series - continued**BNC Plugs Cable Mounting 50Ω and 75Ω**

- Nickel plated bodies, with gold plated contacts
- Silver plated bodies with silver plated contact

224250

Cable	Group	Order Code	1+	10+	50+	100+	250+	500+	Price Each
50Ω									
RG58	010	116-9573●	1.68	1.62	1.51	1.47	1.33	1.24	
RG174	022	116-9574●	2.92	2.75	2.53	2.37	2.25	1.91	
75Ω									
UR70	012	116-9575●	1.68	1.52	1.33	1.20	0.98	0.89	
RG179	022	116-9576●	2.29	2.06	1.81	1.63	1.33	1.21	
RG59	025	116-9577●	1.77	1.68	1.59	1.49	1.37	1.13	
Elbow Cable Clamp									
50Ω									
RG58	010	116-9578●	4.96	4.70	4.26	4.09	3.57	3.16	
Straight Crimp									
50Ω									
RG58	010	116-9586●	1.73	1.60	1.51	1.48	1.23	1.07	
RG174	022	116-9588●	2.03	1.93	1.84	1.69	1.53	1.31	
75Ω									
UR70	012	116-9587●	1.13	1.07	1.04	1.01	0.75	0.64	
RG179	022	116-9589●	2.59	2.46	2.35	2.15	1.95	1.67	
Nickel Plated Body and Gold contact Straight Cable Clamp									
50Ω									
RG58	010/C10	116-9694●	1.43	1.30	1.27	1.24	0.92	0.79	
RG174	022	116-9719●	1.41	1.27	1.24	1.21	0.91	0.78	
75Ω									
UR70	012	116-9721●	1.05	0.95	0.93	0.92	0.68	0.58	
RG179	022	116-9722●	1.43	1.30	1.27	1.24	0.92	0.79	
RG59	025	116-9697●	1.05	0.95	0.93	0.92	0.68	0.58	
Elbow Cable Clamp									
50Ω									
RG58	010	116-9696●	4.00	3.79	3.66	3.60	2.83	2.37	
RG174	022	116-9720●	3.14	2.98	2.87	2.82	2.22	1.86	
75Ω									
RG179	022	116-9723●	4.08	3.91	3.71	3.65	2.91	2.42	
RG59	025	116-9724●	2.48	2.38	2.25	2.22	1.77	1.47	
Straight Crimp									
50Ω									
RG58	010/B10	116-9698●	1.24	1.18	1.14	1.02	0.87	0.70	
RG174	022	116-9726●	1.24	1.18	1.14	1.02	0.87	0.70	
75Ω									
UR70	012	116-9560●	1.24	1.18	1.14	1.02	0.87	0.70	
RG179	022	116-9727●	1.24	1.18	1.14	1.02	0.87	0.70	
RG59	025	116-9728●	1.24	1.18	1.14	1.02	0.87	0.70	
BT2003	062	116-9561●	1.37	1.31	1.21	1.14	1.02	0.83	
BT2002	117	116-9729●	1.01	0.96	0.89	0.84	0.75	0.61	
PSF1/3	366	116-9731●	1.59	1.53	1.45	1.39	1.30	1.26	
PSF1/2	007	116-9732●	1.15	1.07	1.04	0.99	0.93	0.85	

BNC Plugs Bulk Packed

50Ω and 75Ω



- Most popular BNC connectors now available bulk packed for production runs
- Saves time opening single packs and reduces waste
- Nickel plated bodies with gold plated contacts

227362

100 Per Pack	Cable Group	Order Code	1+	3+	5+	Price Per Pack
Straight Crimp						
50Ω						
RG58	010	116-9602●	106.16	95.15	73.09	
RG174	022	116-9613●	106.16	95.15	73.09	
75Ω						
RG59	025	116-9603●	106.16	95.15	73.09	
RG179	022	116-9615●	106.16	95.15	73.09	

BNC Jacks, Cable/Bulkhead Mounting

50Ω and 75Ω



- Nickel plated bodies
- Gold plated centre contacts
- PTFE insulators
- Supplied with nut, shakeproof and sealing washer

219807

Cable	Group	Order Code	1+	10+	50+	100+	250+	500+	Price Each
			2.11	2.08	2.00	1.86	1.71	1.58	2.11
RG58	010	116-9733●	2.11	2.08	2.00	1.86	1.71	1.58	2.11
		116-9734●	2.11	2.08	2.00	1.86	1.71	1.58	2.11
RG179	022	116-9735●	2.11	2.08	2.00	1.86	1.71	1.58	2.11
		116-9736●	2.11	2.08	2.00	1.86	1.71	1.58	2.11

† Available until stocks are exhausted

BNC Jacks, Cable Mounting

- Silver plated bodies and contacts

- Teflon insulators

227486

Cable	Group	Order Code	1+	10+	50+	100+	250+	500+	Price Each		
			2.08	1.87	1.70	1.59	1.42	2.08	2.08		
Silver Plated Bodies and Contacts											
Clamp Straight - 50Ω											
RG58	010	116-9581●	2.08	1.87	1.70	1.59	1.42	2.08	2.08		
Clamp Bulkhead - 50Ω											
RG58	010	116-9582●	2.86	2.47	2.34	2.23	1.96	2.86	2.86		
Crimp Straight - 50Ω											
RG58	010	116-9590●	2.00	1.91	1.82	1.48	1.37	2.00	2.00		
75Ω											
RG179	022	116-9593●	1.93	1.90	1.77	1.43	1.30	1.93	1.93		
RG59	025	116-9591●	2.02	1.92	1.85	1.49	1.39	1.93	1.93		
Crimp Bulkhead - 50Ω											
RG174	022	116-9594●	2.86	2.47	2.34	2.23	1.96	2.86	2.86		

- Nickel plated bodies, gold plated centre contacts
- Silver plated bodies with silver plated contacts

227364

Max. Panel	Order Code	1+	10+	50+	100+	250+	500+	Price Each	
		1.95	1.88	1.79	1.33	1.24	0.97	1.95	
Silver Plated Body and Contact									
Bulkhead Socket									
50Ω	5 mm	116-9583●	2.06	1.96	1.90	1.68	1.27	1.13	
75Ω	5 mm	116-9584●	2.13	1.91	1.67	1.48	1.30	1.16	
Panel Socket									
50Ω	—	116-9608●	2.00	1.95	1.88	1.68	1.33	1.21	
75Ω	—	116-9611●	2.11	2.07	1.93	1.63	1.41	1.27	
Panel Plug									
50Ω	—	116-9585●	2.43	2.17	2.01	1.88	1.62	1.43	
75Ω	—	116-9612●	4.62	4.23	4.13	4.04	3.97	3.57	
Nickel Plated Body and Gold Contact									
Bulkhead Socket									
50Ω	4 mm	116-9699●	1.1						

Bright nickel plated body with white insulating bush and gold plated centre contact.

219802

	Order Code	1+	10+	Price Each	50+	150+	250+	500+
Sockets								
50Ω	116-9702●	2.28	2.09	1.97	1.87	1.59	1.08	
Adaptor								
50Ω	116-9703●	5.36	4.96	4.13	3.97	3.46	3.10	
75Ω	116-9704●	5.36	4.96	4.13	3.97	3.46	3.10	

Ganged BNC Panel Blocks

75Ω Right Angled



- End stackable
- ABS mounting bracket with metal front face

Voltage rating 500V
Impedance 75Ω
Frequency range 2GHz
Dielectric strength 1.5kV

Insulation Resistance 5000MΩ
Plating (Body) Nickel
Material, Connector body Zinc Alloy

272860.343002

No. of Ways.	Order Code	1+	10+	Price Each	50+	100+
Single Height Array	119-6272●	2.72	2.49	2.23	2.09	

Digital BNC Series

Digital BNC Connectors



- Designed for minimum signal loss
- Optimised performance at HDTV and broadband frequencies

Specification
VSWR 1.3 max
Frequency Range DC - 3GHz
Temperature Range -55°C to +199°C

Materials

Body Brass, Nickel Plated
Center Contact Brass, Gold Plated
Dielectric PTFE

386455/406770

Cable Type	Mfrs. List No.	Order Code	1+	Price Each	10+	50+
Male BNC for Digital Video	RG6U, 1694A	122-4519●	2.91	2.82	2.73	
Male BNC for Video Broadcast	RG59U	6704 652-3500	2.99	2.74	2.50	

Digital BNC Connectors for Multiple Cable Types



- Designed for common Belden cables
- Terminates to cable types: RG59, 59A, 59B, 62 and 210

Specification
Impedance 75Ω
Temperature Range -65°C to +165°C

Materials

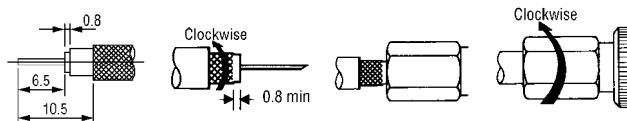
Body Brass, Nickel Plated
Center Contact Plating Gold
Dielectric PTFE

386473

Mfrs. List No.	Order Code	1+	Price Each	10+	50+
Male BNC - Compression Style Termination	6746A 726-5037	2.31	2.23	2.17	

Twist On BNC Series

'Screw On' BNC connectors ideally suited to field installers where assembly time is at a premium. Can be terminated with practice in less than one minute.



Cable preparation

Terminating method

Working voltage	500V RMS @ sea level	Breakdown voltage	1500V RMS @ sea level
Contact resistance:		Housing	Nickel plated Brass
Centre	1.5mΩ	Contacts	Brass
Outer	0.5mΩ	Insulators	Delrin
Insulation resistance	5000MΩ		

209626

BNC Plugs Jacks and Bulkhead Jacks

50Ω and 75Ω



Plug L = 35, Dia. = 14.4

Jack L = 36.5, Dia = 11.1

Plug	Impedance	Suitable Cable	Group	Order Code
50Ω	RG58B/U, UR43, UR76, BT2002	010/117	116-9527	
75Ω	RG59B/U, RG62A/U, PSF1/3M	A25/366	116-9528	
75Ω	UR203, PSF1/2M	028/007	116-9558	
Jack	50Ω	RG58B/U, UR43, UR76, BT2002	010/117	116-9529
	75Ω	RG59B/U, RG62A/U, PSF1/3M	A25/366	116-9530
Bulkhead Jack	50Ω	RG58B/U, UR43, UR76, BT2002	010/117	105-547

209628

Plug	Order Code	1+	10+	50+	150+	250+	500+
50Ω	116-9527●	1.60	1.26	1.08	0.84	0.79	0.66
75Ω	116-9528●	2.42	1.94	1.69	1.50	1.26	1.09
75Ω	116-9558●	1.55	1.37	1.29	1.05	0.92	0.68
Jack							
50Ω	116-9529●	2.33	1.89	1.63	1.24	1.17	1.01
75Ω	116-9530●	3.09	2.48	2.15	1.73	1.53	1.30

17

Filtered BNC Series

BNC Panel Mount and PCB - Filtered

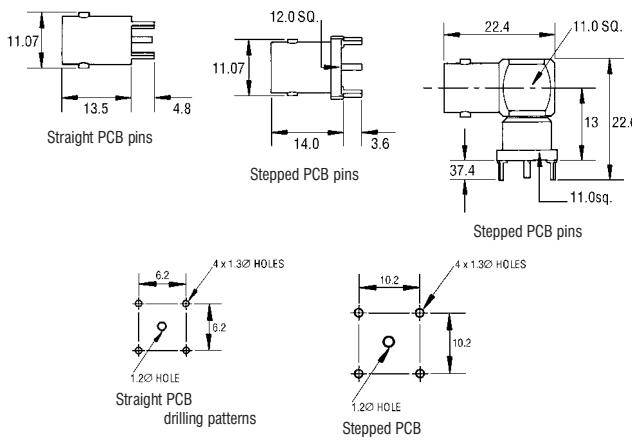


50Ω

		Capacitance 10000 pF Dielectric Voltage 1000 VDC Impedance 50Ω Operating Temperature -20°C to +85°C Contact Center Phosphor Bronze	474930
Description	Mfrs. List No.	Order Code	Price Each
Front mount solder cup	456E-107S	136-1470●	12.12 10.78 10.11 9.70
Right angle decoupled connector	456E-117	136-1472●	3.90 3.47 3.24 3.11

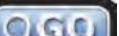
PCB Mounting BNC Jacks

PCB Socket 50Ω



209600

Over 480,000 products online



£ € 40,000 PRICES REDUCED

PCB Mounting BNC Jacks - continued**PCB Socket 50Ω**

Straight round Straight square Elbow square

- Nickel plated bodies and gold plated centre contacts

209599

Order Code	Price Each						
	1+	10+	50+	150+	250+	500+	
Straight round	116-9705●	2.50	2.26	1.92	1.55	1.32	1.08
Straight square	116-9706●	3.21	2.93	2.76	2.31	2.18	1.91
Elbow square	116-9739●	4.30	3.92	3.46	3.11	2.81	2.39

BNC PCB Jacks 50Ω and 75Ω**Amphenol**

- PCB receptacles with an impedance of 50Ω up to 4GHz or 75Ω up to 2 GHz
- Intermateable with all other makes

Impedance	50Ωohm	75Ωohm
Frequency Range	0-4GHz	0-1GHz
VSWR	1.3 max	1.05 max
Contact Resistance	1.5mΩ Centremohm	1.5mΩ Centremohm
Insulation Resistance	1mΩ Outermohm	1mΩ Outermohm
Body	Brass - Nickel plated	Brass - Nickel plated
Contacts	Pin: Brass - Gold plated	Socket: Phosphor Bronze - Gold plated
Insulator	Teflon	

230374

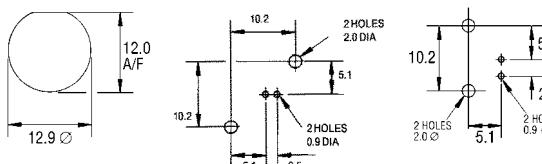
Mfrs. List No.	Imped- ance	Order Code	1+	10+	50+	100+
Square						
B6251F1-NT3G-50	50Ω	111-1293●	2.19	2.07	1.97	1.78
B6251F1-NT3G-75	75Ω	111-1294●	2.18	2.07	1.98	1.73
Round						
B6251C1-NT3G-50	50Ω	111-1295●	1.71	1.60	1.44	1.18
B6251C1-NT3G-75	75Ω	111-1296●	1.82	1.64	1.52	1.15

PCB Sockets 75Ω**TROMPETER ELECTRONICS, INC.**

- Nickel bodies
- Gold plated centre contacts
- Teflon dielectric

227366

Mfrs. List No.	Order Code	1+	10+	25+	100+	250+	500+	
Bulkhead Edge mount	UCBBJE20-1	120-6754●	11.09	10.01	8.79	8.06	7.08	6.67
Edge mount	UCBJE20-1	160-8607●	4.79	--	--	--	--	--

PCB/Panel Sockets Mounting Details

Straight/elbow panel cut-out

Straight Elbow

PCB drilling pattern viewed from above

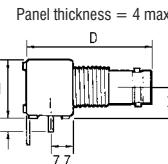
209603

**Insulated PCB/Panel Sockets 50Ω**

Standard and Low Profile



Straight Elbow



Style	H	W	D	X	Y	Z	Order Code
Straight	14.7	14.5	35.3	—	—	—	116-9534
Elbow	14.7	14.5	34.8	7.7	7.8	3.5	116-9532
Low profile, elbow	13	14.5	35.3	6.8	7.3	3.5	116-9547

- Straight and elbow
- Supplied with mounting posts, lock nut, washer and self-tapping screws
- The low profile version is suitable for computer expansion cards.

Working voltage	500V RMS @ sea level	Operating frequency	0 - 4GHz
Insulation resistance	5000MΩ		21903

Standard	Order Code	1+	25+	100+	250+	500+
		Price Each	1+	25+	100+	250+
Insulated, straight	116-9534●	2.83	2.54	2.15	1.75	1.67
Insulated, elbow	116-9532●	2.83	2.54	2.09	2.02	1.89
Low Profile	116-9547●	2.83	2.54	2.05	1.62	1.48

BNC PCB Jacks 50Ω and 75Ω**Amphenol**

Insulated / Screened



- PCB receptacles with an impedance of 50Ω up to 4GHz or 75 up to 2 GHz
- White polypropylene insulator
- Zinc diecast housing for screened version

Body	Brass - Nickel plated
Contacts Pin	Brass - Gold plated
Socket	Phosphor Bronze - Gold plated
Insulator	Polypropylene

Impedance	50Ωohm	75Ωohm
Frequency Range	0-4GHz	0-2GHz
VSWR	1.3 max	1.05 max
Contact Resistance	1.5mΩ Centre	1.5mΩ Centre

1mΩ Outer 1mΩ Outer

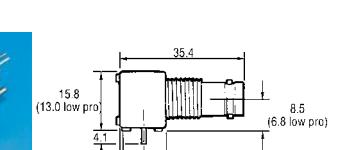
5GΩ 5GΩ

230375

Mfrs. List No.	Imped- ance	Order Code	1+	10+	50+	100+
Insulated Right Angle						
B6252H5-NPP3G-50	50Ω	107-6288●	2.49	2.25	2.00	1.41
B6252H1-NPP3G-75T	75Ω	111-1297●	2.70	2.44	2.16	1.54
Insulated Right Angle Low profile						
B6252H7-NPP3G-50	50Ω	107-6289●	3.09	2.81	2.48	1.75
B6252H7-NPP3G-75T	75Ω	111-1298●	3.08	2.79	2.46	1.75
Insulated Straight						
B6251G1-NPP3G-50	50Ω	107-6290●	2.83	2.56	2.25	1.61
B6251G1-NPP3G-75T	75Ω	107-6291●	3.10	2.82	2.49	1.77
Screened Right Angle						
B6252HA-NPP3G-50	50Ω	107-6293●	3.38	3.11	2.85	2.23
B6252HA-NPP3G-75T	75Ω	107-6294●	3.38	3.11	2.85	2.23
Screened Right Angle Low Profile						
B6252HB-NPP3G-50	50Ω	107-6295●	3.74	3.47	3.15	2.49
B6252HB-NPP3G-75T	75Ω	107-6296●	3.64	3.35	3.07	2.46
Screened Straight						
B6251G3-NPP3G-50	50Ω	107-6297●	3.83	3.56	3.22	2.55
B6251G3-NPP3G-75T	75Ω	111-1299●	3.46	3.19	2.91	2.29

Screened PCB/Panel Sockets 50Ω

Straight, Elbow and Low Profile



Fully screened PCB/panel sockets, designed for EMI shielding applications. The low profile version is suitable for computer expansion cards.

219086

Order Code	1+	25+	Price Each		
			100+	250+	500+
Straight PCB	120-6484●	3.59	3.42	2.93	2.67
Straight elbow	116-9550●	3.86	3.65	3.25	2.85
Low profile elbow	116-9557●	3.86	3.65	3.37	2.85
					2.18

Panel Mounting Nut and Shakeproof Washer



- Fits insulated BNC panel sockets
- Fits EMI/RFI screened BNC standard and low profile
- Fits insulated bulkhead jack sockets
- Fits crimp and cable bulkhead jack sockets
- Nickel plated brass nuts, nickel plated phosphor bronze washers

Nut
1/2" x 28 UNEF
14 (9/16") A/F
16 A/C

Washer
17mm O/D
1.0mm Thick

209566

5 Per Pack	Price Per Pack					
Order Code	1+	10+	50+	150+	250+	500+
116-9718●	2.48	2.24	2.01	1.70	1.56	1.44

BNC PCB launcher

Jack



- Low profile
- Connector locks into place both above and below the PCB
- Surface mount and through-hole soldering possible



Description	Mfrs. List No.	Order Code
Threaded Jack with Teflon for reflow solder	361V504ET	142-6008
Jack with Polyethylene Insulator	361V509E	142-6009
Jack with Teflon for reflow solder	361V704ER	142-6010
Jack with Polyethylene Insulator	361V709E	142-6012
Jack with Teflon for reflow solder	361V504ER	142-6016
Threaded Jack with Teflon Insulator	361V504EFT	142-6017

479313

Impedance	Order Code	1+	10+	50+	100+	Price Each
50Ω	142-6008●	3.09	2.71	2.40	2.17	
50Ω	142-6009●	2.25	1.95	1.75	1.57	
75Ω	142-6010●	3.02	2.65	2.36	2.12	
75Ω	142-6012●	2.67	2.34	2.08	1.86	
50Ω	142-6016●	2.50	2.19	1.94	1.75	
50Ω	142-6017●	3.43	2.99	2.67	2.39	

Adaptors and Accessories

BNC Adaptors and Accessories

Amphenol



Impedance	50Ωohm	75Ωohm
Frequency Range	0-4GHz	0-2GHz
VSWR	1.3 max4	1.05 max
Contact Resistance	1.5mohm Centre	1.5mohm Centre
Insulation Resistance	0.2mΩOuter	1.0mΩOuter
Body	5000Mohm	5000Mohm
Contacts	Brass - Nickel plated	
Insulation	Pin: Brass - Gold plated	Sockets: Phosphor Bronze - Gold plated
	Delrin	

230311

Mfrs. List No.	Impedance	Order Code	1+	10+	50+	100+	Price Each
Right Angle Plug to Jack							
B5072A1-ND3G-50	50Ω	111-1300●	4.19	3.97	3.71	3.18	
Plug to Plug							
B2071A2-ND3G-50	50Ω	111-1301●	3.12	2.91	2.70	2.23	
'T' Plug to Jack to Jack							
B9073D1-ND3G-50	50Ω	111-1302●	4.20	3.97	3.72	3.20	
B9073D1-ND3G-75	75Ω	111-1303●	4.20	3.97	3.72	3.20	
'T' Jack to Jack to Jack							
B8073A1-ND3G-50	50Ω	111-1304●	3.93	3.68	3.48	2.99	
B8073A1-ND3G-75	75Ω	111-1305●	3.08	2.94	2.79	2.47	
Jack to Jack							
B7071A1-ND3G-50	50Ω	111-1306●	2.19	2.07	1.93	1.70	
B7071A1-ND3G-75	75Ω	111-1307●	2.28	2.13	1.99	1.70	
Isolated Bulkhead Adaptors Jack to Jack							
B7771B3-ND3G-50	50Ω	111-1311●	2.11	1.99	1.90	1.67	
B7771B3-ND3G-75	75Ω	111-1312●	4.21	3.99	3.78	3.37	
Terminator Plugs							
B1004A1-ND3G-50R-0.01-1W	50Ω	111-1313●	3.14	2.97	2.81	2.42	
Male cap with chain							
B1005A1-N	111-1315●	1.52	1.44	1.38	1.29		

BNC Adaptors

50Ω and 75Ω



231099

	Mfrs. List No.	Order Code	1+	10+	50+	100+	Price Each
Silver Plated							
50Ω							
Straight Plug-Plug	1-1337455-0	105-6273●	6.20	5.77	5.53	5.20	
Straight Jack-Jack	1-1337457-0	105-6274●	3.16	2.94	2.82	2.66	
'T' Jack-Plug-Jack	1-1337459-0	120-5965●	4.33	4.04	3.86	3.65	
Bulkhead Jack-Jack	1-1478046-0	105-6267●	5.04	4.69	4.49	4.24	
75Ω							
Straight Plug-Plug	1-1478043-0	105-6275●	6.72	6.25	5.99	5.65	
Straight Jack-Jack	1-1478041-0	105-6276●	3.36	3.13	2.99	2.84	
'T' Jack-Plug-Jack	1-1478039-0	105-6278●	4.64	4.33	4.13	3.90	
Bulkhead Jack-Jack	1-1478045-0	105-6269●	5.10	4.75	4.55	4.30	
Nickel Plated							
50Ω							
Ins Bulkhead Jack-Jack	1-1337454-0	105-6265●	3.75	3.50	3.35	3.07	
Style A	1-1337460-0	105-6277●	11.15	10.82	10.51	9.87	
75Ω							
Ins Bulkhead Jack-Jack	1-1478238-0	105-6266●	3.61	3.37	3.22	2.96	

BNC Accessories

50Ω and 75Ω



Mfrs. List No. 1-1337524-0=120-5966
1-1337463-0=117-0188
1-1337470-0=120-5967

231101

	Mfrs. List No.	Order Code	1+	10+	50+	100+	Price Each
Silver Plated							
Plug Terminations							
50Ωohm		117-0188●	2.79	2.60	2.50	2.35	
75Ωohm		120-5967●	2.73	2.55	2.44	2.30	
Through Terminations. Plug-Jack							
50Ωohm		105-6279●	7.63	7.10	6.81	6.41	
75Ωohm		105-6280●	7.63	7.10	6.83	6.46	
Plug cap and chain		120-5966●	3.16	2.90	2.66	2.33	

FOR MORE INFORMATION & CHOICE

Product Search

RF Adaptors

 RoHS Compliant Items Only | Advanced Search

Straight, 'T' and Elbow, 50Ω



Jack-to-Jack



'T' adaptor M/F/F



Adaptors and Accessories - continued

Straight, 'T' and Elbow, 50Ω - continued



Nickel plated bodies and gold plated centre contacts

Mfrs. List No.	Order Code	1+	Price Each	5+	10+
4119-50	443-5539	39.72	38.53	37.37	
4119-75	443-5540	39.72	38.53	37.37	

Component Container

'Sucobox' 50Ω



The 'Sucobox' is a versatile component container with coaxial input and output connectors.

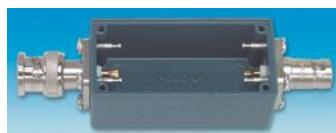
- 50mm x 25.4mm x 25.4mm
- Configuration male to female

240344

Mfrs. List No.	Order Code	1+	Price Each	10+	50+
Sucobox	F66 CB-50-0-1/----E	29.56	28.22	27.64	

Pomona Electronics Test & Measurement Accessories

Size A Aluminium Box with Covers



- Ideal for passive or active networks
- Blue baked enamel finish
- BNC male and female connectors
- Cover and screws included
- Dimensions: 57 x 29 x 22mm

311498

Mfrs. List No.	Order Code	1+	Price Each	5+	10+
2391	443-5333	21.19	20.55	19.93	

Pomona Electronics Test & Measurement Accessories

Size B Aluminium Box with Covers



Ideal for passive or active networks
Blue baked enamel finish
BNC female connectors
Cover and screws included
Dimensions: 57 x 35 x 29 mm

311499

Mfrs. List No.	Order Code	1+	Price Each	5+	10+
3230	443-5345	17.78	17.25	16.73	

Pomona Electronics Test & Measurement Accessories

Shielded Boxes with 50Ω BNC Adapters



- Ideal for passive or active networks
- Blue baked enamel finish
- Operating temperature is -55 °C to 150 °C
- Cover and screws included
- Dimensions: 57.15 x 35.05 x 28.7mm

386429

Mfrs. List No.	Order Code	1+	Price Each	5+	10+
BNC Male to BNC Female Adapters 3231	123-4948	21.50	20.86	20.23	
BNC Female to BNC Female Adapters 3239	123-0748	29.66	28.77	27.91	

311581

Electronics Design World

...it's where Design Engineers go!

For the latest news, technology and support tools, visit:
www.electronicsdesignworld.com



BNC Feed-Thru Termination

Pomona Electronics Test & Measurement Accessories



- Centre contact: Male - Gold plated
- 2%, 2 Watt, Carbon-film resistor deposited over ceramic core

Order Code
443-5539
443-5540

Resistance
Ω
Ω

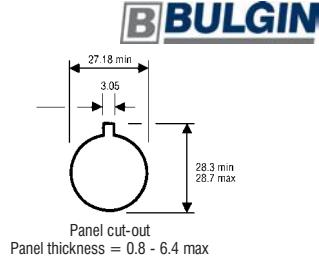
311581

Sealed BNC Series

Sealed 50Ω and 75Ω



Cable entry = 6 - 8.1



A range of 50Ω and 75Ω sealed BNC crimp connectors manufactured to IP68 standard for a mated pair. Available in a panel style socket or free style plug in 50Ω or 75Ω. The sealing cap also acts as a tool to aid removal and fitting of inserts during assembly. CSA, VDE Approved. UL Recognised.

Mfrs. List No. PX0742/P/50 = 427-214 PX0741/S/50 = 427-238 PX0733 = 314-390
PX0742/P/750HM = 427-226 PX0741/S/75 = 427-240 PX0734 = 314-407

219805

Cable	Group	Order Code	Price Each				
			1+	25+	50+	100+	250+
Free Plugs							
RG58	50Ω	010	427-214●	9.95	9.54	7.39	5.82
UR70	75Ω	012	427-226●	9.95	9.54	7.39	5.82
Panel Sockets							
RG58	50Ω	010	427-238●	9.18	8.40	6.83	5.35
UR70	75Ω	012	427-240●	9.18	8.40	6.83	5.35
Cap/Assembly Tools							
To fit P471			314-390●	0.55	0.51	0.49	0.48
To fit P472			314-407●	0.91	0.88	0.84	0.77
					0.47	0.46	0.69

Insulated BNC Series

Quick Connect Series



BNC Plug and Receptacles



- Quick latch mechanism
- Contacts use lock nut and soldered conductors
- Universal mounting
- Standard sealing O-ring
- Constructed from Ultem®, a high temperature resistant composite material

Mfrs. List No. QC26-7501S = 152-0345
QC26-5001S = 152-0343 QC24-7501P = 152-0346
QC24-5001P = 152-0344

Operating Temperature -55°C to 150°C Insulation resistance >1000MΩ

495551

	Order Code	Price Each			
		1+	10+	50+	100+
50 Ω					
Plug	152-0343●	8.40	7.82	7.49	7.04
Receptacle	152-0344●	8.76	8.15	7.77	7.35
75 Ω					
Plug	152-0345●	8.40	7.82	7.49	7.04
Receptacle	152-0346●	8.76	8.15	7.77	7.35
Backshell	152-0336●	1.64	1.50	1.40	1.30
Cap	101-9257●	0.91	0.85	0.82	0.76

Touch Proof BNC Series

- Fully insulated, touch proof
- Conform to EN61010 and IEC1010-2-031
- 50Ω or 75Ω impedance
- Use standard RG58 or RG59 coax
- Rated 1000V to earth, overvoltage category II (CATII)
- Voltage between inner and outer conductors must **not** exceed 500V

Inner conductor/shield 500V CATII, 300V CATIII Contacts Brass, Brass Plated Gold
Shield/housing 1000V CATII, 300V CATIII Housing Polyamide
Operating temperature -10°C to +70°C Insulator Polyethylene, PTFE, soldered panel socket

209617

Free Plugs 50Ω and 75Ω

HCK



Overall length = 51

- Gold plated crimp or solder inner contact
- Crimp outer contact
- Full assembly instructions supplied

224254

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
50Ω - RG58 Type Group 010							
Red	67.9760-22	108-5534●	5.13	4.77	4.56	4.32	4.04
Black	67.9760-21	108-5535●	5.13	4.77	4.56	4.32	4.04
Blue	67.9760-23	108-5536●	6.13	5.50	5.33	4.55	4.14
75Ω - RG59 Type Group 025							
Black	67.9761-21	108-5538●	6.12	5.69	5.46	5.14	4.81

Free Sockets 50Ω and 75Ω

HCK



Overall length = 62

- Gold plated crimp or solder inner contact
- Crimp outer contact
- Full assembly instructions supplied

224255

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
50Ω - RG58 Type Group 010							
Red	67.9762-22	108-5539●	4.69	4.37	4.19	3.94	3.69
Black	67.9762-21	108-5540●	4.69	4.37	4.19	3.94	3.69

Panel Mount Sockets

HCK

Crimp, Solder or PCB



- Gold plated centre contact
- Crimp version terminates to RG58 cable
- Solder style has PTFE insulation
- PCB wires can be bent to 90° for PCB mounting

224256

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
Crimp RG58 Type							
Red	67.9766-21	108-5541●	4.33	4.04	3.87	3.65	3.42
Solder							
Red	67.9764-22	108-5543●	5.90	5.49	5.26	4.96	4.64
Black	67.9764-21	108-5544●	5.90	5.49	5.26	4.96	4.64
Blue	67.9764-23	108-5545●	7.60	6.93	6.60	5.67	5.10
PCB							
Red	67.9765-22	108-5546●	5.52	5.10	4.87	4.32	3.90
Black	67.9765-21	108-5547●	5.49	5.08	4.86	4.30	3.87
Blue	67.9765-23	108-5548●	5.79	5.31	5.05	4.32	3.90

Safety Adaptors - BNC to 4mm

HCK



FOR SUITABLE 4MM SAFETY TEST CONNECTORS SEE TEST CONNECTORS SECTION

17

Touch Proof BNC Series - continued

Safety Adaptors - BNC to 4mm - continued

209623

Colour	Mfrs. List No.	Order Code	1+	10+	Price Each		
			25+	50+	100+		
BNC Plug to 4mm Safety Socket							
Red	67.9799-22	108-5549●	9.16	8.37	7.98	6.95	6.34
Black	67.9799-21	108-5550●	9.47	8.62	8.24	7.17	6.55
Blue	67.9799-23	108-5551●	8.57	7.81	7.47	6.50	5.93
BNC Plug to Two 4mm Safety Sockets							
Red / Black	67.9536-21	810-8382●	14.48	13.47	12.89	12.17	11.38
BNC Plug to Two 4mm Safety Plugs							
Red / Black	67.9537-21	810-8390●	14.79	13.46	12.92	11.17	10.25

Mini BNC

Mini BNC 75Ω



Plugs and Jacks



Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
1274563-3	128-2716	1274572-1	128-2720
1274566-3	128-2717	1274584-1	128-2721
1274568-3	128-2718		

Impedance 75Ω Insulation Resistance 1000Mohm Centre Contacts Brass - Gold Plated
 Frequency Range 0-2GHz Temperature Range -45 to +85°C Dielectric Material PTFE
 Rated Voltage 300V RMS Mating Cycles 500 Cable Type RG179
 Contact Resistance 12mohm Body Material Brass

450371

	Order Code	1+	10+	50+	100+	250+	Price Each
Crimp Plugs							
Straight	128-2716●	3.52	3.27	3.13	2.96	2.80	
Right Angle	128-2717●	3.87	3.58	3.43	3.23	3.08	
Crimp Jacks							
Bulkhead	128-2718●	4.56	4.24	4.06	3.83	3.64	
PCB Jacks							
Right Angle	128-2720●	3.16	2.92	2.80	2.64	2.52	
Bulkhead	128-2721●	5.57	5.41	5.27	5.13	5.00	

Mini BNC 50Ω



Plugs and Jacks



Impedance	50Ω
Frequency Range	0-2GHz
Rated Voltage	400V RMS
Contact Resistance	12mohm
Insulation Resistance	1000Mohm
Temperature Range	-40 to +85°C
Mating Cycles	500
Body Material	Brass

468350

	Order Code	1+	10+	50+	Price Each
Crimp Plugs					
Straight	134-2655●	2.38	2.03	1.88	
Right Angle	134-2656●	2.82	2.42	2.22	
Crimp Jacks					
Bulkhead	134-2657●	2.28	1.95	1.81	
PCB Jacks					
Straight	134-2658●	2.13	1.83	1.67	
Right Angle	134-2659●	3.43	2.94	2.70	
Bulkhead	134-2660●	3.43	2.94	2.70	

TNC Series

The TNC series coaxial connectors are a screw coupling version of the BNC series. Due to the increased rigidity of the coupling, the performance is more consistent. Coupling is via 7/16" 28 UNEF-2.

Working voltage 500V peak Contacts Gold plated Brass
 Proof voltage 1500 peak Insulators Delrin
 VSWR (straight connectors) less than 1.3 up to 4GHz Sealing gaskets Silicone rubber
 Housing Brass body Nickel plated Temperature range -55°C to +150°C

209624

TNC Plugs and Jacks 50Ω

Amphenol



- Mid size coaxial connector with threaded coupling
- 50Ω impedance for applications up to 11GHz

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

230280

Mfrs. List No.	Cable Group	Tool No.	Order Code	1+	10+	50+	100+	Price Each
Clamp Plug	T1141A1-ND3G-1-50	1	111-1352●	2.47	2.30	2.09	1.69	
Crimp Plug	T1121A1-ND3G-1-50	1	3	111-1353●	1.96	1.84	1.74	1.54
Solder Bulkhead Jack	T6351B1-ND3G-50	—	—	111-1354●	2.14	1.99	1.81	1.43

TNC Series



Impedance 50Ω Temperature Range -65°C to 165°C
 Frequency Range 0-11GHz Mating Cycles 500
 Working Voltage 500V RMS Body Brass - Silver plated
 Contact Resistance 1.5mΩ Centre Centre Contacts
 Outer 1mΩ Outer Brass - Silver plated
 Insulation Resistance 5000MΩ Teflon

Mfrs. List No. 1-1337466-0=120-5977 1-1337469-0=120-5978 1-1337472-0=120-5979

231105

Cable Type	Order Code	1+	10+	50+	100+	Price Each
Straight solder plug	RG58	120-5977●	3.96	3.69	3.54	3.34
Straight Solder Jack	RG58	105-6286●	3.17	3.06	2.99	2.92
Bulkhead Socket	RG58	120-5978●	2.58	2.41	2.31	2.18
Bulkhead Jack	141A, 58C, URM 43, URM 76RG58	105-6287●	4.44	4.09	3.91	3.69
Panel Socket	RG58	120-5979●	2.89	2.70	2.58	2.44

ZDC - TNC Series



- Fully intermateable with industry standard connectors and designed to MIL-C-39012 and MIL STD348A
- Cost effective
- RoHS compliant

New

Impedance 50Ω 75Ω Temperature Range -65°C to +85°C
 Frequency Range 0-4GHz 0-2GHz Mating Cycles 50
 Working Voltage 500V RMS Body Zinc Alloy
 Centre Contact Resistance 1.5mohm Contacts Phosphor Bronze / Gold plated
 Outer Contact Resistance 1mohm Insulation PTFE

422591

TNC Plugs

Crimp Plugs



Mfrs. List No. 5-1814800-3 Order Code 124-8956
 5-1814801-3 124-8957

451147

			Price Each			
Impedance	Cable Type	Order Code	1+	10+	50+	100+
50Ω	RG58	124-8956●	1.13	1.05	1.01	0.95
75Ω	RG59/B/U	124-8957●	1.24	1.15	1.10	1.04

TNC Bulkhead Jacks

Crimp and Solder Tag



Tyco Electronics

Mfrs. List No. Order Code
5-1814802-3 124-8958
5-1814803-3 124-8961
5-1814804-1 124-8962
5-1814804-3 124-8963

451155

			Price Each			
Impedance	Cable Type	Order Code	1+	10+	50+	100+
Crimp						
50Ω	RG58Ω	124-8958●	2.07	1.93	1.84	1.74
75Ω	RG59Ω	124-8961●	2.14	1.99	1.90	1.80
Solder Tag						
50Ω		124-8962●	1.07	1.00	0.95	0.90
75Ω		124-8963●	1.21	1.13	1.08	1.02

TNC PCB Jacks



Tyco Electronics

Mfrs. List No. Order Code
5-1814805-1 124-8964
5-1814807-1 124-8965

451159

			Price Each			
Impedance	Order Code	1+	10+	50+	100+	
Straight						
50Ω	124-8964●	1.43	1.32	1.26	1.20	
Right Angle - Insulated						
50Ω	124-8965●	1.80	1.67	1.60	1.51	

TNC Plugs and Jacks

50Ω



Tyco Electronics

- A range of pressure sleeve clamp plugs and jacks
- Features 'Top Hat' clamping style
- Faster to terminate than braid clamp types

239263

Cable	Mfrs. List No.	Order Code	1+	50+	100+
Straight Plug 50Ω					
RG58	1-1478415-0	105-6303●	3.61	3.39	3.25
Bulkhead Jack 50Ω					
RG58	1-1478417-0	105-6305●	4.39	4.13	3.96

Commercial TNC Series - 50Ω

RADIALL®



- Screw-on equivalent to BNC bayonet series
- Good RF performance
- Suitable for high power levels
- Long life and high strength

Impedance: 50ohm
Frequency range: 0-1.5GHz
Typical VSWR: 1.3 max.
Working voltage (VRMS): 500V
Insertion loss: 0.18dB max. at 9GHz
RF leakage: -60dB min. from 2 to 3GHz
Insulation resistance: 5000Mohm min.
Durability: 100 matings

Operating temperature: Standard models : -35°C to +70°C
Body: Brass - Nickel plated
Contact : Male : Brass - Gold plated
Femelle : Beryllium copper - Gold plated
Insulator: PTFE
Gaskets: Silicone rubber
Mfrs. List No. Order Code
R143082161 419-5530
R143182161 419-5565

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244949

Cable Group	Order Code	1+	10+	25+	50+
Straight plug crimp type	419-5530●	2.30	2.21	2.09	1.83
Right angle plug crimp type	419-5565●	7.34	7.16	6.97	6.91

Standard TNC Series - 50Ω

RADIALL®



- Screw-on equivalent to BNC bayonet series
- Good RF performance
- Suitable for high power levels
- Long life and high strength

Impedance: 50ohm
Frequency range: 0-11GHz
Typical VSWR: 1.3 max.
Working voltage: 500V eff
Insertion loss: 0.18dB max. at 9GHz
RF leakage: -60dB min. from 2 to 3GHz
Insulation resistance: 5000Mohm min.
Durability: 500 matings
Operating temperature: Standard models : -65°C to +165°C
Hermetically sealed models : -65°C to +100°C
Semi-rigid cable equipped models : -65°C to +105°C

Body: Brass - Nickel plated
Contact : Male : Brass - Gold plated
Female : Beryllium copper - Gold plated
Insulator: PTFE
Gaskets: Silicone rubber
Mfrs. List No. Order Code Mfrs. List No. Order Code Mfrs. List No. Order Code
R143008000 419-5504 R143207000 419-5577 R143654000 859-1563
R143012000 859-1520 R143254000 419-5589 R143703000 859-1571
R143018000 419-5516 R143324000 419-5590 R143704000 859-1580
R143075000 419-5528 R143325000 419-5607 R143710000 859-1598
R143082000 859-1539 R143405000 419-5619 R143770000 419-5644
R143156000 419-5541 R143557000 859-1555 R143780000 859-1601
R143182000W 419-5553 R143603000W 419-5620 R143812000 859-1610

Applications : Avionics, aeronautics, computers, countermeasures...

244936

Cable Group	Order Code	1+	10+	25+	50+
Straight plug clamp type	419-5504●	3.52	3.31	3.26	3.15
6/75+93	859-1520●	7.20	6.85	6.50	6.18
10+11/50 S+D	419-5516●	10.12	9.52	9.12	8.75
Right angle plug clamp type	419-5541●	11.36	10.44	9.61	8.84
Straight plug crimp type	419-5528●	5.30	4.89	4.50	4.12
2.6/50 S	859-1539●	3.73	3.54	3.37	3.18
5/50 S	419-5553●	16.09	14.80	13.63	12.52
Straight jack clamp type	419-5577●	9.44	8.69	7.99	7.36
Square flange straight jack clamp type	859-1547●	11.78	10.83	9.96	9.15
5/50 S+D	419-5589●	13.41	12.33	11.36	10.45
Bulkhead straight jack clamp type, rear mounting	419-5590●	15.58	14.31	13.16	12.13
2.6/50+75 S	419-5607●	10.74	9.88	9.07	8.36
Square flange straight jack receptacle	419-5619●	4.58	4.22	3.89	3.57
Square flange right angle jack receptacle	859-1563●	11.28	10.62	10.15	9.71
Bulkhead panel sealed straight jack receptacle	419-5620●	8.58	7.90	7.27	6.69
Male-Male adapter	859-1571●	13.74	13.04	12.40	11.79
Female-female adapter	859-1580●	7.58	6.99	6.42	5.90
Square flange female-female adapter	859-1598●	12.20	11.58	11.01	10.47
Bulhead hermetically sealed female-female adapter	419-5632	40.76	38.26	36.05	34.09
Right angle male-female adapter	419-5644●	28.57	26.29	24.19	22.26
Male/female-female tee adapter	859-1601●	27.15	24.98	22.97	21.14
Protective male cap with chain	859-1610●	6.79	6.25	5.75	5.28

17

TNC Series - continued

Plugs, Jacks and Sockets - 50Ω



- Silver plated bodies and contacts
- Teflon insulators

227509

Cable Group	Order Code	1+	10+	Price Each		
				50+	100+	250+
Silver Plated Bodies and Contacts						
Clamp Plug - 50Ω	RG58 010 116-9597●	2.89	2.63	2.56	2.46	2.33
Crimp Plug - 50Ω	RG58 010 116-9598●	2.71	2.42	2.23	2.09	1.95
Clamp Jack - 50Ω	RG58 010 116-9599●	2.83	2.59	2.50	2.42	2.28
Bulkhead Jack - 50Ω	- 116-9600●	2.72	2.47	2.29	2.17	2.03

TNC Reverse Polarity Connectors 50Ω

Amphenol

Plugs and Jacks



- 50Ω impedance for applications up to 4GHz

Voltage Rating	500V Peak
Impedance	50Ω
Frequency Range	0-4GHz
Withstand Voltage	1500V rms
VSWR	1.3max
Insulation resistance	5000MΩ
Body Contacts	Brass - Bright Nickel plated Plug: Brass - Gold plated Socket: Beryllium Copper - Gold plated TFE
Insulator	

456903

Mfrs. List No.	Cable Type	ACE Tool No.	Order Code	Price Each			
				1+	10+	25+	50+
Crimp Plug							
RT1121A1-NT3G-7B-50	RG8X	3	132-7449●	2.52	2.35	2.19	2.01
RT1121A1-NT3G-H155-50	H155	3	132-7450●	2.52	2.35	2.19	2.01
Solder Plug							
RT1141A1-NT3G-1-50	RG58	—	132-7451●	2.36	2.19	2.05	1.89
Crimp Jack							
RT6121A1-NT3G-1-50	RG58	3	132-7452●	2.73	2.54	2.38	2.18

N Series

Amphenol

N Series 50Ω



Impedance	50Ω	Insulation Resistance	5000MΩ
Frequency Range	0-11GHz	Body Contacts	Brass - Nickel plated
VSWR	1.3 max		Pin: Brass - Gold plated
Contact Resistance	1mΩ Centre 0.2mΩ Outer	Insulation	Sockets: Phosphor Bronze - Gold plated Teflon

230312

Mfrs. List No.	Cable Group	Tool No.	Order Code	1+	10+	100+
Crimp Plug						
N1121A1-NT3G-7-50	7	6	111-1380●	3.81	3.59	2.90
N1121A1-NT3G-1-50	1	4	111-1381●	3.70	3.49	2.81
Right Angle Crimp Plug						
N1112B1-001-NT3G-1-50	1	3 or 4	111-1382●	4.70	4.46	3.58
Crimp Jack						
N6121A1-NT3G-1-50	1	3 or 4	111-1384●	3.83	3.62	2.91
Bulkhead Crimp Jack						
N6421A1-NT3G-1-50	1	3 or 4	111-1385●	4.94	4.64	3.73
Clamp Plug						
N1141A1-NT3G-1-50	1	—	111-1386●	3.63	3.37	2.49
Panel Jack						
N6551A1-NT3G-50	—	—	111-1387●	2.94	2.86	2.56
Adaptors						
Jack to Jack						
N7071A1-NT3G-50	—	—	111-1388●	3.94	3.69	2.98
Bulkhead						
N7471A1-NT3G-50	—	—	111-1389●	6.70	6.30	5.07
Plug to Plug						
N2071A1-NT3G-50	—	—	111-1390●	6.38	6.02	4.85

N Series



Impedance	50Ω
Frequency Range	0-11GHz
Working Voltage	500V RMS
Contact Resistance	1mΩ Centre
Insulation Resistance	10Ω
Temperature Range	-65°C to 165°C
Mating Cycles	500
Body	Brass - Silver plated
Centre Contacts	Brass - Silver plated
Insulation	Teflon

Mfrs. List No. 1-1337410-0=120-5968 1-1337402-0=120-5971 1-1337625-0=120-5975
1-1337416-0=120-5969 1-1337406-0=120-5972 1-1337418-0=120-5976
1-1337409-0=120-5970 1-1337414-0=120-5974

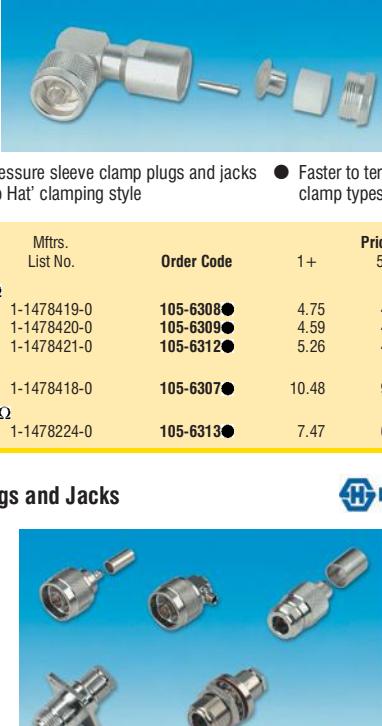
231104

Cable Type	Order Code	Price Each			
		1+	10+	50+	100+
Crimp Plugs					
Straight	RG213 120-5968●	4.06	3.78	3.62	3.42
	RG58 120-5969●	4.58	4.26	4.08	3.86
Elbow	RG213 105-6282●	10.77	10.01	9.58	9.05
	RG58 105-6283●	12.11	11.64	11.32	10.66
Solder Plugs					
Straight	RG58 120-5970●	4.86	4.59	4.50	4.24
	RG213 120-5971●	4.86	4.59	4.50	4.24
Solder Jacks					
Straight	RG213 120-5972●	3.63	3.38	3.23	3.06
Crimp Jacks					
Straight	RG213 120-5974●	6.04	5.56	5.32	5.01
Crimp Bulkhead Jacks					
Straight	RG58 120-5975●	7.56	7.33	7.06	6.78
	RG213 105-6285●	6.78	6.30	6.03	5.70
Panel Socket					
	120-5976●	3.51	3.27	3.13	2.95

239264

N Series Plugs and Jacks

50Ω and 75Ω



- Available with 50Ω and 75Ω impedance
- Operates up to 11GHz for flexible cable and 18 GHz for semi-rigid cables
- Screw type coupling for reliable connection

Impedance	50Ω or 75Ω	Ins Resistance	≤ 5.10MΩ
Working Voltage	≤ 1.0V rms 50 Hz	Temp Range	-65°C to +165°C
DWV	2.5V rms 50 Hz	Mating Cycles	≥ 500
Contact Res - Centre	1.0mΩ	Bodies	Brass/Socoplated
Contact Res - Outer	1.0mΩ	Insulator	PTFE

240670

	Mfrs. List No.	Order Code	1+	Price Each 10+	50+
Plugs - RG213 - 50Ω					
Straight	11 N-50-7-43/133NE	416-3199●	6.17	4.94	4.48
RA	16 N-50-7-30/133NE	416-3205●	10.67	8.54	7.77
Jacks - RG213 - 50Ω					
Straight	21 N-50-7-13/133NE	416-3217●	8.46	6.76	6.15
Plugs - RG58 - 50Ω					
Straight	11 N-50-3-28/133NE	416-3230●	5.01	4.01	3.64
RA	16 N-50-3-26/133NE	416-3242●	7.31	5.84	5.32
Jacks - RG58 - 50Ω					
Straight	21 N-50-3-7/133NE	416-3254●	8.09	6.48	5.87
Bulkhead	25 N-50-3-4/133NE	416-3266●	15.49	12.39	11.26
Plugs - RG59 - 75Ω					
Straight	11 N-75-4-6/133NE	416-3278●	11.74	9.40	8.55

N series - 50Ω



- Standard coaxial connectors
 - Screw-on coupling
 - High durability and proven strength
 - High power rating
 - Excellent RF performance

Applications : Wireless communications, civil and military radio-telecommunication equipment, countermeasure, navy equipment, videocommunication, computer network, industrial network.

RADIALL®

Cable Group	Order Code	1+	10+	25+	50+
Bulkhead straight jack clamp type					
Female cap with chain	859-1695●	4.95	4.55	4.19	3.87
Right angle male-female adapter	120-7559●	19.91	17.93	15.19	13.73
Tee male/female-female adapter	419-5905	34.33	30.87	26.22	23.60
Protective male cap with chain	859-1709●	4.52	4.15	3.81	3.51
Short circuit male cap with chain	859-1717●	9.02	8.56	8.13	7.73

N Series - 75Ω

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R162012000	859-1725	R162217000	859-1741	R162703000	859-1768
R162017000	859-1733	R162403000	859-1750		24491

Cable Group	Order Code	1+	10+	Price Each	25+	50+
Straight plug clamp type						
6/75+93	859-1725●	17.19	15.83	14.54	13.40	
10+11/75	859-1733●	13.64	12.55	11.53	10.63	
Straight jack clamp type						
10+11/75	859-1741●	14.23	13.09	12.06	11.10	
Square flange female receptacle with solder pot						
	859-1750●	10.63	9.79	9.00	8.26	
Male-male adapter						
	859-1768●	34.34	31.92	31.44	30.57	

Plugs, Jacks and Sockets - 50Ω



- Silver plated bodies and contacts

Cable Group	Order Code	1+	10+	Price Each		
				50+	100+	250+
Silver Plated Bodies and Contacts						
Crimp Plug - 50Ω						
RG58	010	116-9605●	4.81	4.55	4.35	3.95
Clamp Plug - 50Ω						
UR67	010	116-9606●	3.86	3.69	3.61	3.48
RG58	010	116-9595●	3.79	3.65	3.58	3.42
Clamp Jack - 50Ω						
UR67	010	116-9607●	3.24	2.98	2.86	2.70
Panel Socket - 50Ω						
—	—	116-9596●	3.24	2.98	2.86	2.69
						2.25

Coaxial Connectors

Series '101'

W.W. FISCHER



965-753
Plug

- Free plug complete with 5.1mm cable
 - Provides excellent RFI/EMC shielding

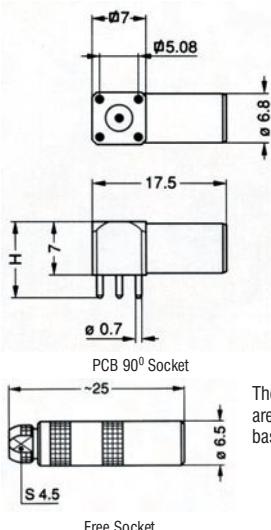
Dimension	Depth behind panel			Max. panel thickness
A	B	C	141414	777
6.7	6.4	7.1		

Lemo 00 Coaxial Connectors



Coaxial Connectors - continued

Lemo 00 Coaxial Connectors - continued



The 00 series is a range of 50Ω coaxial connectors. They are suitable for a wide variety of applications and form the basis of the NIM-CAMAC-CD/N 549 standard.

Impedance	50Ω	Mating Cycles	1000
Operating Voltage	0.7kV rms	Body Mat	Brass (UNS C 38500)
Rated Current	4A	Body Plating	Chrome/Nickel/Nickel
Contact Resistance	$\leq 5.6m\Omega$	Insulation Mat	PTFE UL94VO
Insulating Resistance	$\geq 10^{12}\Omega$	Contact Material	Male - Brass gold plated Female - Bronze gold plated
VSWR (f.in Ghz)	$1.09 + 0.11f$	Temperature Range	-55°C to +260°C
Dielectric Strength	19 kV/mm		
Mfrs. List No.	FFA.00.250.CTAC29Z=381-7830 PCO.00.250.CTLC29Z=381-7842 ERN.00.250.CTL=381-7854 EPL.00.250.NTN=381-7866 ABF.00.250.CTA=381-7878	ABA.00.250.NTL=381-7880 GMD.00.028.DA=381-7891 GMD.00.028.DN=381-7908 GMD.00.028.DR=381-7910	

232086

	Order Code	1+	5+	Price Each	10+	50+	100+
Straight Plug With Cable Collet 50Ω	RG174,RG179,RG188 381-7830●	6.36	5.84	5.39	5.00	4.77	
Free Socket with Cable Collet 50Ω	RG174,RG179,RG188 381-7842●	7.37	6.77	6.25	5.82	5.53	
Fixed Socket, Nut Fixing (Panel Mount) 50Ω	381-7854●	5.56	5.09	4.90	4.67	4.45	
Socket PCB Mount 90° 50Ω	381-7866●	7.83	7.19	6.64	6.19	5.87	
Adaptor. Lemo Plug-BNC Socket 50Ω	381-7878●	11.29	10.37	9.60	8.91	8.47	
Adaptor. Lemo Socket-BNC Plug 50Ω	381-7880●	12.73	11.68	10.81	10.06	9.55	
Strain Relief 2.8-3.1mm							
Blue	381-7891●	0.77	0.70	0.65	0.61	0.55	
Black	381-7908●	0.53	0.47	0.44	0.41	0.38	
Red	381-7910●	0.77	0.70	0.65	0.61	0.55	

232086

Coax Series 1S-1E



Straight Plug L=42mm
A=13mm

Straight Socket L=45mm A=15mm

Fixed Socket L=26mm A=20mm
e=M16x1

Specification

Impedance	50Ω	75Ω
Current Rating	12A	10A
VSWR	$1.01 + 0.23f$	$1.02 + 0.08f$
Working Voltage	1.0 KV rms	0.8 KV rms
Test Voltage	3.0 KV rms	2.4 KV rms
Dia Signal Contact	1.6mm	1.3mm

Mfrs. List No.

FFA.1S.250.CTAC52Z=381-7921
FFA.1S.275.CTLC32Z=381-7945
PCA.1S.250.CTLC52Z=381-7957
PCA.1S.275.CTLC32Z=381-7957
ERA.1S.250.CTL=381-7969
GMA.1B.025.DA=381-7982
GMA.1B.025.DN=381-7994
GMA.1B.025.DR=381-8007
GMA.1B.035.DN=381-7416
GMA.1B.045.DN=381-7428
GMA.1B.054.DN=381-7430

232087

Cable Group	Order Code	1+	5+	Price Each	10+	50+	100+
Straight Plug 50Ω 4.3-5.1mm Collet	381-7921●	14.41	13.21	12.23	11.37	10.80	
Straight Plug 75Ω 2.6-3.1mm Collet	381-7933●	14.41	13.21	12.23	11.37	10.80	
Inline Socket 50Ω 4.3-5.1mm Collet	381-7945●	12.79	11.75	10.86	10.11	9.60	
Inline Socket 75Ω 2.6-3.1mm Collet	381-7957●	12.79	11.75	10.86	10.11	9.60	
Panel Socket 50Ω	381-7969●	10.15	9.29	8.59	8.00	7.61	
Strain Relief							
Blue - 2.5-2.9mm	381-7982●	1.70	1.55	1.44	1.33	1.22	
Black - 2.5-2.9mm	381-7994●	1.70	1.55	1.44	1.33	1.22	
Red - 2.5-2.9mm	381-8007●	1.70	1.55	1.44	1.33	1.22	
Black - 3.5-3.9mm	381-7416●	1.49	1.39	1.33	1.25	1.17	
Black - 4.5-5.0mm	381-7428●	1.49	1.39	1.33	1.25	1.17	
Black - 5.4-6.0mm	381-7430●	1.49	1.39	1.33	1.25	1.17	

496065

Compression Coax

Compression Coax 50Ω



Board-to-Board



- Single connector design - no mating connectors needed
- Available in four sizes for varied board spacing
- Surface mount device for standard pick and place compatibility
- Mating directly on target board

Height	Mfrs. List No.	Order Code	1+	10+	50+	100+
14mm	619127-1	152-2167●	8.82	8.53	7.83	7.41
10mm	619134-1	152-2168●	8.66	8.32	7.71	7.26
6.65mm	619135-1	152-2169●	8.50	8.18	7.58	7.12
4mm	1658260-1	152-2170●	7.70	7.44	6.87	6.47

496065

Coaxial High Voltage

BNC HT Series



- The connectors of this series are not intermateable with those of the BNC and SHV series
- 2 pip bayonet coupling

Test voltage :	Unmated connectors :	Male : 6000V DC
	Mated pair :	Female : 8000V DC
Impedance:	50Ω	10000V DC
Frequency range :	0-2GHz	
VSWR :	1.20 + 0.2 F (GHz) (plug and jack)	
Current rating	10A max.	
Durability:	500 matings	
Operating temperature:	-55°C to +155°C	
Contacts and interfaces:	Brass and heat treated beryllium copper	
Other metal parts :	Brass	
Plating:	NSR nickel - center contacts, gold	
Insulator :	PTFE or polyethylene	
Gaskets :	Silicone rubber	

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R316007000	419-6387	R316257000	419-6417	R316553000	419-6430
R316011000	419-6399	R316405000	419-6429	R316754000	419-6442
R316072000	419-6405				

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

245068

Cable Group	Order Code	1+	10+	25+	50+
Straight plug clamp type					
5/50 S+D	419-6387●	8.30	7.66	7.31	6.98
6/75 S+D	419-6399●	8.72	8.14	7.77	7.42
Straight plug crimp type					
5/50 S+D	419-6405●	8.27	7.69	7.36	7.06

245068

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Square flange straight jack clamp type					
5/50 S+D	419-6417●	33.35	30.68	28.23	25.97
Square flange jack	419-6429●	21.69	19.94	18.33	16.88
Bulkhead jack	419-6430●	5.89	5.51	5.25	5.03
Bulkhead panel sealed female-female adapter	419-6442●	58.29	53.63	49.35	45.39

SHV series
RADIALL®

- This safe high voltage connectors meet all requirement of the NIM Standard (Nuclear Instrumentation Module) Specification ND 545 Amendment A. Both the pin and socket contacts are securely recessed inside the insulation to prevent the danger of electrical shock when live unmated connectors are handled.
- They are particularly recommended for impulse circuits of linear accelerators as well as in military, nuclear and medical electronics.
- In general, this series should be considered for use where the user is anxious to work under conditions of guaranteed safety.
- The connectors of this series are not intermateable with those of the BNC and SHV series
- 2 pip bayonet coupling

Impedance:	50ohm	Mfrs. List No.	Order Code
Frequency range:	0-2GHz	R317074000	108-4728
VSWR:	<1.20 + 0.3F (GHz) (plug and jack)	R317005000	117-4798
Test voltage:	Unmated connectors :10000V DC	R317072000	117-4799
	Mated pair :12000V DC	R317074000	108-4728
Current rating:	10A max	R317255000	419-6480
Contact resistance :	Center contact : <2.1mΩ Earth contact : <1.5mΩ	R317580000	419-6491
Durability:	500 matings		
Temperature de service:	-65°C to +165°C		
Contacts and interfaces:	Heat treated beryllium copper		
Other metal parts:	Brass		
Plating:	NSR nickel - center contacts, gold		
Insulator:	PTFE or polyethylen		

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION 245049

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Straight plug clamp type					
5/50 S+D	117-4798●	21.82	20.07	18.46	17.53
Straight plug crimp type					
5/50 S+D	117-4799●	19.35	17.81	16.38	15.56
6/75 S+D	108-4728●	37.84	34.40	29.25	26.34
Square flange jack clamp type					
5/50 S+D	419-6480●	45.82	41.23	35.04	31.54
Bulkhead straight receptacle	419-6491●	6.48	6.03	5.79	5.56

THT Series
RADIALL®

- Screw-on coupling
- Female center contact has a 4mm internal dia. which allows testing with standard banana plug

Mfrs. List No. R331603000 Order Code 419-6533

Impedance:	50ohm	
Frequency range:	0-1GHz	
Test voltage:	Unmated connectors : 10 000V DC	
	Mated pairs : 20 000V DC	
Current rating:	20A max.	
Durability:	500 matings	
Operating temperature:	-40°C to +70°C (polyethylen or styramic insulators) -55°C to +125°C (PTFE insulators)	
Metal parts:	Brass and heat treated beryllium copper - Nickel plated	
Body:	Brass and heat treated beryllium copper - Silver plated	
Insulator:	PTFE - polyethylene or polystyrene	
Gaskets:	Silicone rubber	

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION 245053

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Bulkhead panel seal receptacle					
Bulkhead panel seal receptacle	419-6533●	178.48	164.20	151.07	138.99

BR2 Series
RADIALL®

Test voltage (VRMS): 1500V at 50Hz
Current rating (max.): 3.5A
Insulation at 500V DC
Contact resistance: >105Mohm 1mΩ at 1A

Capacity at 1MHz: Between pins <1.3pF
Between pin and earth <3.2pF
Operating temperature: -40°C to +100°C
Contacts and interfaces: Beryllium copper - Silver plated

Mfrs. List No. Order Code Mfrs. List No. Order Code Mfrs. List No. Order Code
R605004000 419-6971 R605006000 419-6995 R605000000 419-7021
R605005000 419-6983 R605550000 419-7010

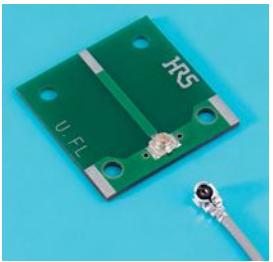
FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

245058

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Straight plug clamp type					
Armour twin axis dia. 4mm	419-6971●	12.06	11.09	10.18	9.38
Armour twin axis dia. 5mm	419-6983●	13.97	12.87	11.85	10.90
Armour twin axis dia. 6mm	419-6995●	12.05	11.09	10.18	9.38
Bulkhead receptacle	419-7010●	12.06	11.09	10.18	9.38
Bulkhead hermetic receptacle	419-7021●	15.18	13.96	12.85	11.82

Ultra-Miniature Coaxial**SMT Ultra-Miniature Coaxial Connectors**
HRS

U.FL Series



- 2.5mm mated height. (receptacle and RA plug)
- 7.7mm² footprint
- High frequency performance DC to 6 Ghz
- Extraction tool for easy removal

Typical applications: Mobile phones, wireless communications equipment, electronic measuring instruments, GPS, wireless LAN, Bluetooth etc.

Specification	Materials	
	Body	Male Contact
Impedance	50Ω	Phosphor Bronze silver plated
VSWR	1.3 max	Brass gold plated
Voltage Rating AC	60V AC (rms)	Phosphor Bronze gold plated
Contact Resistance Outer	10 mΩ max	Receptacle LCP UL94V-0
Contact Resistance Centre	20 mΩ max	Plug PBT UL94V-0
Frequency Range	DC - 6GHz	
Temperature Range	-40°C to +90°C	

23329

Mfrs. List No.	Order Code	Price Each			
		1+	25+	50+	100+
Receptacle SMT					
U.FL-R-SMT(01)	390-8021●	1.22	0.89	0.69	0.62
Cable Assembly Single End 200mm					
U.FL-LP-5016-A-(200)	391-0659●	5.06	4.67	4.13	3.90
Cable Assembly Double Ended 50mm					
U.FL-2LP-5016-A-(50)	390-8033●	6.33	5.86	5.15	4.85
Cable Assembly Double Ended 100mm					
U.FL-2LP-5016-A-(100)	390-8045●	6.52	6.05	5.45	5.02
Cable Assembly Double Ended 150mm					
U.FL-2LP-5016-A-(150)	390-8057●	6.74	6.25	5.65	5.17
Cable Assembly Double Ended 200mm					
U.FL-2LP-5016-A-(200)	390-8069●	7.02	6.49	5.82	5.41
Adaptor U.FL Jack-SMA Plug					
HRMP-U.FLJ(40)	107-7733●	17.19	16.73	16.29	15.87
Adaptor U.FL Plug-SMA Jack					
HRMJ-U.FLP(40)	107-7734●	20.89	20.32	19.79	19.28
Extraction Tool					
U.FL-P-N2	168-8076	20.30			

17

RF Cable Assemblies
HRS
New


Specification:-
Attenuation 1.5dB
VSWR 1.5 max
Frequency Range 45MHz - 6GHz
Impedance 50Ω

- U.FL to SMA cable assemblies
- Cable length from 75mm to 150mm

52875

Cable Length	Mfrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
150mm	CASS-0419-RC	168-8079	8.71	7.74	6.97	6.33	5.80
100mm	CASS-0442-RC	168-8081	8.48	7.53	6.77	6.16	5.65
75mm	CASS-0627-RC	168-8082	8.36	7.44	6.69	6.09	5.58

700 products added online every week


See our pick of the hottest products and latest technologies in 'What's New?' at www.farnell.co.uk


Ultra-Miniature Coaxial - continued**Ultra Small SMT Coaxial Connectors**

U.FL Series (Commodity Version)

**New**

Receptacle

Cable Assembly Plug

- 2.5mm mated height
- 7.7mm² footprint
- High frequency performance DC to 6GHz
- Plug diameter - 0.81mm / 1.37mm

- Nominal attenuation at 6Ghz - 9.42dB/m (0.81mm Ø) / 4.3dB/m (1.37mm Ø)
- Ultra-fine Teflon Cable
- Extraction tool for easy removal

Typical applications: Mobile phones, Wireless LAN, Mini-PCI, Bluetooth, PDA, GPS, electronic measuring instruments, etc.

Specification:-

Impedance	50Ω
VSWR	1.3 max
Voltage Rating	60V AC (rms)
Contact Resistance Outer	10 mΩ max
Contact Resistance Centre	20 mΩ max
Frequency Range	DC - 6GHz
Temperature Range	-40°C to +90°C

Materials:-

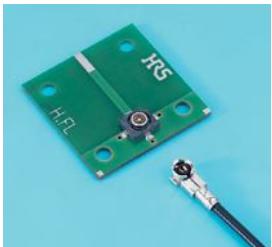
Shell	Phosphor Bronze silver plated
Male Contact	Brass Tin plated
Female Contact	Phosphor Bronze gold plated
Insulator	Receptacle LCP UL94V-0

528731

Cable Length	Mfrs. List No.	Order Code	1+	10+	Price Each	25+	50+	100+
Cable Assemblies Plugs, 0.81mm Ø								
50mm U.FL-2LP-04K1T-A-(50)	168-8065	1.65	1.53	1.43	1.32	1.19		
100mm U.FL-2LP-04K1T-A-(100)	168-8067	1.73	1.61	1.51	1.39	1.26		
150mm U.FL-2LP-04K1T-A-(150)	168-8068	1.86	1.72	1.61	1.48	1.34		
200mm U.FL-2LP-04K1T-A-(200)	168-8069	1.94	1.81	1.68	1.54	1.40		
300mm U.FL-2LP-04K1T-A-(300)	168-8070	2.11	1.97	1.84	1.68	1.53		
Cable Assembly Plugs, 1.37mm Ø								
50mm U.FL-2LP-088K1T-A-(50)	168-8071	1.57	1.47	1.37	1.27	1.15		
100mm U.FL-2LP-088K1T-A-(100)	168-8072	1.65	1.54	1.44	1.33	1.21		
150mm U.FL-2LP-088K1T-A-(150)	168-8073	1.73	1.62	1.51	1.40	1.28		
200mm U.FL-2LP-088K1T-A-(200)	168-8074	1.80	1.67	1.56	1.44	1.32		
300mm U.FL-2LP-088K1T-A-(300)	168-8075	1.96	1.83	1.70	1.57	1.43		
Receptacle, SMT								
U.FL-R-SMT-1-(10)	168-8077	0.45	0.40	0.37	0.33	0.30		
Extraction Tool								
Mfrs. List No.	Order Code	1+	3+					
U.FL-LP-N2	168-8076	20.30	15.20					

SMT Ultra-Miniature Coaxial

H.FL Series



- 3mm mated height
- High frequency performance to 6Ghz
- Impedance 50Ω and 75Ω

Specification

Impedance	50Ω and 75Ω
VSWR	1.3 or less DC to 6Ghz
Insulation Resistance	500MΩ
Contact Resistance Outer	20mΩ
Contact Resistance Centre	20mΩ
Frequency Max	6 Ghz
Temperature Range	-40°C to +90°C

Materials

Body	Phosphor Bronze Silver plated
Male Contact	Bronze gold plated Gold plated
Female Contact	Phosphor Bronze Gold plated
Insulator	LCP Receptacle

PBT Plug

233330

Mfrs. List No.	Order Code	1+	25+	50+	100+
Receptacle SMT					
H.FL-R-SMT(01)	390-8100●	1.54	1.09	0.86	0.83
Cable Assembly 50Ω 200mm					
H.FL6G-2LP-084H-A-200	390-8112●	6.71	6.26	5.92	5.59
Cable Assembly 75Ω 200mm					
H.FL75-2LP-084H-A-200	390-8124●	6.65	6.20	5.86	5.55

Microcoaxial Connectors 50Ω

- DC to 6GHZ
- Very low mated height ≤2.5mm
- "Drop-in" compatible with U.FL connectors
- 30 Mating cycles

Impedance	50ohm	Temperature Range	-40 to +90°C
Frequency Range	6GHz	Material	Phosphor Bronze - Gold plated

462145

Ultra-Miniature Coaxial - continued**Ultra Small SMT Coaxial Connectors**

U.FL Series (Commodity Version)

**New**

Receptacle

Cable Assembly Plug

- 2.5mm mated height
- 7.7mm² footprint
- High frequency performance DC to 6GHz
- Plug diameter - 0.81mm / 1.37mm

- Nominal attenuation at 6Ghz - 9.42dB/m (0.81mm Ø) / 4.3dB/m (1.37mm Ø)
- Ultra-fine Teflon Cable
- Extraction tool for easy removal

Typical applications: Mobile phones, Wireless LAN, Mini-PCI, Bluetooth, PDA, GPS, electronic measuring instruments, etc.

Specification:-

Impedance	50Ω
VSWR	1.3 max
Voltage Rating	60V AC (rms)
Contact Resistance Outer	10 mΩ max
Contact Resistance Centre	20 mΩ max

Shell	Phosphor Bronze silver plated
Male Contact	Brass Tin plated
Female Contact	Phosphor Bronze gold plated
Insulator	Receptacle LCP UL94V-0

528731

Mounting Type	Mfrs. List No.	Order Code	1+	Price Each
PCB Jack Vertical - SMT	73412-0110	SMD134-0200●	0.31	0.29
Cable Assemblies				
Length	Cable Dia.			
65mm	0.8mm	73412-0280	134-0209●	1.93
100mm	0.8mm	73412-0286	134-0210●	1.56
65mm	1.13mm	73412-0232	134-0205●	1.54
110mm	1.13mm	73412-0231	134-0204●	1.57
240mm	1.13mm	73412-0237	134-0208●	1.97
50mm	1.32mm	73412-0508	134-0210●	1.47
110mm	1.32mm	73412-0502	134-0203●	1.89
162mm	1.32mm	73412-0504	134-0202●	1.53

W.FL Ultra Small Surface Mount Coaxial Connectors

- Small mounting area 3.4mm²
- Low receptacle weight 5.6mg
- High frequency: DC to 6GHz
- Cable colour black

Mfrs. List No.	Order Code	1+	10+	50+	100+
W.FL-2LP-04N2-A-(100)	132-5918	5.30	4.96	4.75	4.37
W.FL-2LP-04N2-A-(500)	132-5919	5.92	5.59	5.33	4.88
W.FL-R-SMT-1(10)	132-5920	0.67	0.64	0.61	0.56

456101

Order Code	1+	10+	50+	100+
100mm Double Ended Cable Assembly	132-5918●	5.30	4.96	4.75
500mm Double Ended Cable Assembly	132-5919●	5.92	5.59	5.33
Receptacle	SMD132-5920●	0.67	0.64	0.61

456101

MS-147 Ultra-Small Coaxial Switch

- High frequency: DC to 6GHz
- Low insertion loss ≤0.15dB
- Small size 5.8mm x 5.4mm
- Low profile 3.9mm high
- Light weight 0.11g
- Long Life
- Switch structure prevents flux float-off

Mfrs. List No.	Order Code	1+	10+	50+	100+
MS-147(01)	132-5921	1.97	1.89	1.75	1.63
MS-147 to SMA Adaptor	132-5922●	16.31	12.96	11.65	11.35
Coax Switch Plug	132-5923●	14.30	11.37	10.10	9.90

456134

MS-156 Subminiature Coaxial Switch

- High frequency: DC to 6GHz
- Low insertion loss ≤0.15dB
- Small size 2.7mm²
- Low profile 1.6mm high
- Light weight 0.025g

Mfrs. List No.	Order Code	1+	10+	50+	100+
MS-156-HRMJ-2	132-5927	≤1.8			
MS-156 to SMA Adaptor, Short	132-5927●	24.33	19.34	17.33	16.89

456156



MS-162 Miniature Interface Coaxial Switch

- High frequency: DC to 10GHz
- Low insertion loss $\leq 0.15\text{dB}$ @ 2GHz
- Small size 3.5mm x 3.1mm
- Low profile 2.5mm high

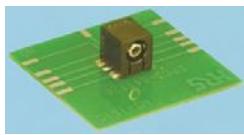
Mfrs. List No. Order Code Mfrs. List No. Order Code
MS-162(01) 132-5931 MS-162-C(LP)-1 132-5932

Frequency Range 0-10GHz VSWR ≤ 1.7
Contact Resistance 100mΩ Housing Brass, Gold plated
Insulation Resistance 1000MΩ Insulator Polyamide
Temperature Range -40°C to 85°C Contacts (Common Terminal) Beryllium Copper, Gold plated
Mating Cycles 12000 Contacts (Antenna Terminal) Phosphor Bronze, Gold plated
Withstand Voltage 100V ac

456164

Mfrs. List No.	Order Code	1+	10+	Price Each 20+
SMT PCB Jack 82_MMPX-S50-0-1/111	134-5545 ●	10.05	9.35	8.95
Cable Assemblies				
Straight Plug to R/Plug SM86/16MMPX21/11MMPX21/50MM	134-5546 ●	32.83	29.62	27.43
SM86/16MMPX21/11MMPX21/100MM	134-5547 ●	32.99	29.82	27.61
SM86/16MMPX21/11MMPX21/300MM	134-5548 ●	33.91	30.62	28.35
R/A Plug to R/Plug				
SM86/16MMPX21/16MMPX21/50MM	134-5549 ●	35.96	32.60	30.19
SM86/16MMPX21/16MMPX21/100MM	134-5550 ●	35.97	32.80	30.37
SM86/16MMPX21/16MMPX21/300MM	134-5551 ●	37.20	33.60	31.11

Order Code	1+	10+	50+	100+
Coax Switch Receptacle SMD 132-5931●	2.17	1.80	1.38	1.15
Right Angle Plug 132-5932●	15.77	12.54	11.14	10.92
MS-162 to SMA Adaptor 132-5933●	15.44	12.04	10.37	9.63

MS-151 Interface RF Connector with Switch

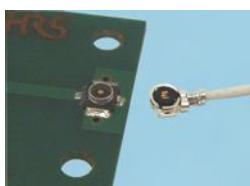
- 'Click' sensation when mated
- Easy, non directional connection
- Small size 7.3mm x 7.9mm x 8.45mm
- Low profile 2.5mm high
- High durability
- Receptacle has nickel plating areas to prevent solder wicking into critical areas.

Mfrs. List No. Order Code Mfrs. List No. Order Code
MS-151C 132-5934 MS-151P-HRMJ 132-5935

Frequency Range 0-6GHz Mating Cycles 5000
Contact Resistance 50mΩ Withstand Voltage 100V ac
Insulation Resistance 1000MΩ VSWR ≤ 1.7
Temperature Range -40°C to 85°C

456173

Order Code	1+	10+	50+	100+
Coax Switch Receptacle SMD 132-5934●	2.57	2.30	2.18	2.01
MS-151 Plug to SMA Adapter 132-5935●	98.67	79.44	75.79	73.85
MS-151 Socket to SMA Adapter 132-5936●	72.85	58.58	55.90	54.46

N.FL Low Profile, Small Mounting Space Coaxial Connectors

- High frequency: DC to 6GHz
- Small size 3.1mm x 3.0mm
- Low profile 1.4mm high
- Extra fine 0.81mm diameter cable
- VSWR ≤ 1.3

Mfrs. List No. Order Code
N.FL-2LP-04N1-A-(100) 132-5937
N.FL-R-SMT-1(01) 132-5938

456184

Order Code	1+	10+	50+	100+
100mm Cable Assembly 132-5937●	5.57	5.01	4.75	4.39
Receptacle 132-5938●	0.77	0.70	0.66	0.63

Microminiature Coaxial Connectors**MMPX Series****SMT Jack and Cable Assemblies**

- Frequency range up to 65 GHz
- Snap on coupling ensures a fast reliable connection
- Suitable for digital transmissions up to 40 Gbps
- Excellent shielding
- Assembly lengths: 50mm, 100mm & 300mm

Impedance 50Ω Max 65GHz Temp Range -65°C to +155°C

RoHS Compliant
Non-compliant

08447 11 11 11

Fax: 08447 11 11 12 1833

Mfrs. List No.	Order Code	1+	10+	Price Each 20+
SMT PCB Jack 82_MMPX-S50-0-1/111	134-5545 ●	10.05	9.35	8.95
Cable Assemblies				
Straight Plug to R/Plug SM86/16MMPX21/11MMPX21/50MM	134-5546 ●	32.83	29.62	27.43
SM86/16MMPX21/11MMPX21/100MM	134-5547 ●	32.99	29.82	27.61
SM86/16MMPX21/11MMPX21/300MM	134-5548 ●	33.91	30.62	28.35
R/A Plug to R/Plug				
SM86/16MMPX21/16MMPX21/50MM	134-5549 ●	35.96	32.60	30.19
SM86/16MMPX21/16MMPX21/100MM	134-5550 ●	35.97	32.80	30.37
SM86/16MMPX21/16MMPX21/300MM	134-5551 ●	37.20	33.60	31.11

465163

SMPX Series
50Ω Plugs & Jacks

- Frequency range up to 40 GHZ
- Snap on coupling ensures a fast reliable connection
- Typical applications include
- Space, defence, aviation, mobile comms. and other industrial markets

Impedance 50Ω
Interface Frequency Max 40GHz
Temp Range +165°C-65°C to +

465159

Mfrs. List No.	Order Code	1+	10+	Price Each 20+
Straight Cable Plug 11_SMPX-50-2-1/111	134-5532 ●	14.04	13.05	12.26
90° Cable Plug 16_SMPX-50-2-1/111	134-5533 ●	16.90	16.32	15.21
Panel Jack 25_SMPX-50-2-1/119	134-5535 ●	13.00	12.06	11.56
PCB Jack 82_SMPX-S50-0-1/111	134-5536 ●	15.59	14.24	13.56

465161

SMPX Series - Cable Assemblies

- Available in 50mm, 100mm & 300mm lengths
- Semi rigid cable

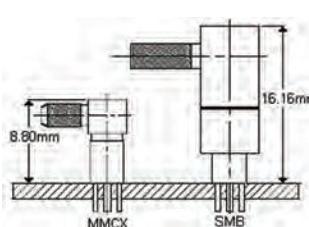
Mfrs. List No. + Length	Order Code	1+	10+	Price Each 20+
Straight Plug - R/A Plug 11_SMPX086ALTP16SMPX/50	134-5537 ●	43.41	40.80	38.50
11_SMPX086ALTP16SMPX/100	134-5538 ●	43.56	40.94	38.63
11_SMPX086ALTP16SMPX/300	134-5541 ●	44.88	42.18	39.81
R/A Plug - R/A Plug 16_SMPX086ALTP16SMPX/50	134-5542 ●	51.35	48.26	45.53
16_SMPX086ALTP16SMPX/100	134-5543 ●	51.50	48.40	45.67
16_SMPX086ALTP16SMPX/300	134-5544 ●	52.15	49.02	46.25

17

MMCX Connectors

MMCX connectors are designed for frequency ranges from DC up to 6 GHz and for applications where smallest dimensions have to be achieved. The "snap-on" coupling mechanism ensures that the electrical parameters are consistently reproduced.

- 35% space saving compared to MCX connectors and 50% space saving compared to SMB connectors
- Ideal for applications in the emerging GPS, PCS, automotive and wireless communications markets



405751



Microminiature Coaxial Connectors - continued

MMCX Plugs and Jacks 50Ω Straight and Right Angle



- For use in applications from DC to 6 GHz
- Reliable snap on coupling ensures electrical parameters are consistently reproduced
- Non slotted outer contact provides low RF leakage

Impedance	50Ω	Ins Resistance	1000MΩ min
Working Voltage	≤170V rms 50 Hz	Temp Range	-55°C 155°C to +
Frequency Range	0 to 6.0GHz	Mating Cycles	≥500
DWV	500V rms 50 Hz	Bodies	Brass/Gold plated
Contact Res - Centre	≤5.0mΩ	Contacts	Beryllium Copper/Gold plated
Contact Res - Outer	≤2.5mΩ	Insulator	PTFE/PFA

240420

Mfrs. List No.	Order Code	1+	Price Each 10+	50+
Plugs - RG178				
Straight 11	MMCX-50-1-1/1110E	416-3436●	4.04	3.23
RA 16	MMCX-50-1-1/1110E	416-3448●	4.02	3.59
Jacks - RG178				
Cable 21	MMCX-50-1-1/1110E	416-3450●	7.36	5.88
Plugs - RG174				
Straight 11	MMCX-50-2-3/1110E	416-3461●	7.09	5.67
RA 16	MMCX-50-2-4/1110E	416-3473●	5.56	4.96
Plugs - RG405				
Straight 11	MMCX-50-2-1/1110E	855-8418●	4.21	3.39
RA 16	MMCX-50-2-1/1110E	855-8426●	5.68	4.54
Jacks - RG405				
Cable 21	MMCX-50-2-1/1110E	855-8434●	5.98	4.76
Bulkhead Mount Solder Jack				
Straight 22	MMCX-50-0-1/1110E	855-8442●	6.65	5.32
PCB Mount Solder Plug				
Straight 81	MMCX-50-0-1/1110E	855-8477●	5.32	4.25
RA 84	MMCX-50-0-1/1110H	855-8493●	12.63	10.12
PCB Mount Solder Jacks				
Straight 82	MMCX-50-0-1/111 NE	416-3485●	3.26	2.90
RA 85	MMCX-50-0-1/1110H	416-3497●	5.79	5.15
		1+	10+	25+
Edge 82	MMCX-S50-0-2/111KE	855-8485●	5.76	4.60
Surface Mount Solder Jack				
Straight 90	MMCX-S50-0-55/119OH	129-8936●	3.50	2.79
				2.60

FOR MORE INFORMATION & CHOICE

Product Search

Micro RF Adaptors


 RoHS Compliant Items Only | Advanced Search

MMCX Series - 50Ω



- Low RF Leakage
- Snap-on coupling

Impedance	50Ω	Body	Beryllium Copper/Gold plated
Frequency Range	6 GHz0 -	Centre Contact	Beryllium Copper/Gold plated
VSWR - Straight	1.3 : 1	Dielectric	Teflon

247678

Cable Type	Order Code	1+	Price Each 100+	500+
Semi Rigid Cable - Direct Solder				
RG 405 RA Plug	116-9662●	2.55	1.92	1.55
Flexible Cable - Crimp				
RG174 Straight Plug	116-9663●	2.61	1.98	1.57
RG178 Straight Plug	116-9664●	2.61	1.98	1.57
RG174 Straight Jack	116-9665●	1.68	1.27	1.02
RG178 Straight Jack	116-9666●	1.68	1.27	1.02
RG174 RA Plug	116-9667●	3.25	2.45	1.98
RG178 RA Plug	116-9668●	3.14	2.36	1.90
RG174 Str BHead Jack	116-9669●	1.56	1.18	0.94
RG178 Str BHead Jack	116-9670●	2.30	1.72	1.38
PCB Mounted Plug and Jacks				
Str PCB Mount Plug	116-9672●	2.30	1.73	1.40
Str PCB Mount Jack	116-9673●	2.30	1.73	1.40
RA PCB Mount Jack	116-9674●	3.14	2.36	1.90

MMCX Plugs and Jacks

50Ω



- Micro Miniature connectors for cable and PCB applications
- Ultra low profile space saving design
- Snap on coupling for fast connect disconnect

Impedance	50Ω	Insulation Resistance	1000MΩ Min
Frequency Range	6 GHz0 -	Body	Brass/Gold plated
VSWR - Straight	1.10 : 1	Centre Contact Male	Brass/Gold plated
VSWR - RA	1.15 : 1	Centre Contact Female	Gold/Berillium Copper plated
Contact Resistance - Centre	15mΩ Max	Dielectric	PTFE
Contact Resistance - Outer	7.5mΩ Max		

239265

Cable	Mfrs. List No.	Order Code	Price Each				
			1+	10+	50+	100+	500+
Straight Plug - Crimp							
RG174	1-1634000-0	105-6314●	2.95	2.74	2.62	2.47	2.37
RA Plug - Crimp							
RG174	1-1634002-0	105-6316●	4.13	3.84	3.68	3.47	3.35
RG178	1-1634003-0	105-6317●	4.31	4.01	3.83	3.62	3.47
PCB Mount Sockets							
Straight	1-1634009-0	105-6318●	2.69	2.51	2.40	2.26	2.18

230281

MMCX Coaxial Connectors 50Ω



- Coaxial Connectors with an impedance of 50Ω up to 6 GHz

Impedance	50Ω	Insulation Resistance	1000MΩ
Frequency Range	0 - 6GHz	Body	Brass - plated
VSWR	Straight: 1.3 max	Contacts	Pin: Brass - Gold plated
	Right Angle: 1.5 max	Socket	Beryllium Copper - Gold plated

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

Mfrs. List No.	Cable Tool Group No.	Order Code	1+	10+	50+	100+
Straight Cable Plug		MMCX1121A1-3GT30G-5-50	5	1	111-1325●	5.52
Right Angle Cable Plug		MMCX1121A1-3GT30G-14-50	14	1	111-1328●	3.69
Straight PCB receptacle		MMCX6251N1-3GT30G-50	—	—	111-1329●	3.58
Right Angle PCB Receptacle		MMCX6252N1-3GT30G-50	—	—	111-1330●	5.58

348856/406772

RF Crimping Tool



Insulated MMCX Connectors



- Steel construction
- Adjustable pressure
- 7 Jaw Size die
- Ratchet mechanism
- P.P. handles

Cable groups covered
Jaw sizes (Across Flats)
Recommended connector Order Codes
Suitable connector Order Codes
(soldered center contact)

348856/406772

MMBX Series



50Ω Snap-Fit Plugs, Jacks and Adaptors



- Designed for board to board applications where space is limited
- Snap on coupling ensures a fast reliable connection
- Floating PCB jacks and plugs compensate for any slight radial board misalignments
- Operates at frequencies up to 12.4GHz*

Impedance	50Ω	Temp Range	-55°C to +155°C	Cable Specified Up To 5GHz Only
Frequency Range	0 to 12.4GHz*			
Body	Brass, Sycopro Plated	Cable Connectors	Brass, Sycopro Plated	
Center Contact	Beryllium Copper, Gold Plated		Beryllium-Copper, Gold Plated	
Outer Contact	Beryllium Copper, Sycopro Plated Plated		C97, Sycopro Plated	
Insulator	PTFE / PFA		LCP / PTFE / PFA	
Mating Cycles	100		100	385624/406773

Cable Type	Mfrs. List No.	Order Code	Price Each	1+	10+	25+
Right Angled Cable Plugs						
RG178	16MMBX-50-1-1/111NE	855-8329●	11.03	8.83	8.19	
RG316	16MMBX-50-2-1/111NE	855-8337●	11.03	8.83	8.19	
PCB Mount Plugs						
	81MMBX-50-0-2/111NE	855-8396●	10.43	8.33	7.73	
PCB Mount Jacks						
	82MMBX-50-0-2/111NE	855-8400●	5.52	4.41	4.07	
MMBX Plug to MMBX Plug Adaptors (6.7mm long)						
	32MMBX-50-0-1/111NE	855-8361●	4.69	3.65	3.07	
MMBX Plug to MMBX Plug Adaptors (10mm long)						
	32MMBX-50-0-4/111NE	855-8370●	6.97	5.58	5.17	

MMBX Series - Cable Assemblies

● Available in 50mm, 100mm & 300mm lengths ● Enviroflex 316 cable

465141

Mfrs. List No. + Length	Order Code	Price Each	1+	10+	20+
Straight Plug - R/A Plug					
11MMBXEF31316MMBX-50MM	134-5553●	22.64	21.28	20.07	
11MMBXEF31316MMBX-100MM	134-5554●	22.70	21.33	20.12	
11MMBXEF31316MMBX-300MM	134-5555●	22.85	21.48	20.27	
R/A Plug - R/A Plug					
16MMBXEF31316MMBX-50MM	134-5556●	23.19	21.80	20.57	
16MMBXEF31316MMBX-100MM	134-5557●	29.06	27.31	25.77	
16MMBXEF31316MMBX-300MM	134-5558●	23.06	21.67	20.45	

SSMA Plugs, Jacks and Adapters

50Ω



SSMA connectors are microminiature RF connectors with a screw coupling, which are similar to SMA series but designed for smaller diameter semi-rigid cable performing from DC to 38 GHz.

Impedance	50Ω	Contact Res - Outer	2.5mΩ
Frequency Range	0 to 38GHz Semi Rigid	Ins Resistance	1000mΩ
Contact Res - Centre	4mΩ	Temp Range	-65°C to +165°C

Plugs

Straight Plugs	Cable	Order Code	Price Each	1+	10+	50+
Direct Solder	RG405	134-2628●	3.46	2.97	2.72	
Crimp	RG174, 188A, 316	134-2633●	4.34	3.72	3.43	
RA Plugs						
Direct Solder	RG405	134-2631●	5.59	4.79	4.42	
Crimp	RG174, 188A, 316	134-2634●	6.09	5.21	4.79	

Jacks

Order Code	Price Each	1+	10+	50+
Straight Bulkhead Jack				
Direct Solder	134-2632●	6.11	5.22	4.81
Solder Mount PCB Jack				
PCB Solder	134-2638●	2.63	2.25	2.07
4 Hole Square Flange Jack - Solder Pot				
	134-2635●	6.18	5.29	4.88
4 Hole Square Flange Jack - (Exposed Teflon)				
	134-2636●	7.66	6.57	6.06
2 Hole Flange Jack Receptacle - (Exposed Teflon)				
	134-2637●	7.45	6.38	5.88

Adapters

467767

Adapters	Order Code	Price Each	1+	10+	50+
SSMA Plug - SSMA Plug	134-2640●	8.06	6.91	6.36	
SSMA Jack - SSMA Jack	134-2639●	5.02	4.29	3.96	

SSMB Plugs, Jacks and Adapters

50Ω



SSMB connectors are microminiature devices that provide repeatable electrical performance from DC up to 4 GHz. They are a smaller version of the standard SMB connector, providing a means of quick-connect and disconnect through a snap-on type coupling.



Impedance	50Ω	Contact Res - Outer	1mΩ
Frequency Range	0 to 4GHz Semi Rigid	Ins Resistance	1000mΩ
Contact Res - Centre	4mΩ	Temp Range	-65°C to +165°C

Plugs

Plugs	Cable	Order Code	Price Each	1+	10+	50+
Straight Plugs	Clamp	RG405	134-2641●	3.60	3.09	2.85
RA Plugs	Direct Solder	RG405	134-2644●	4.05	3.48	3.20

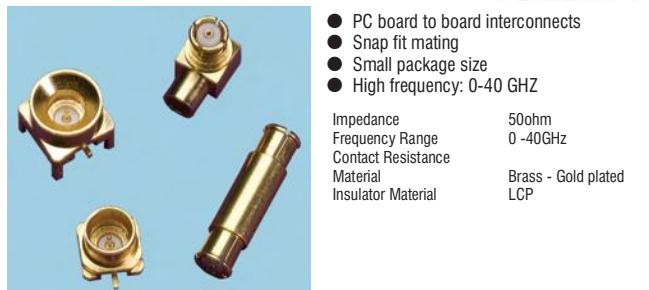
Jacks

Jacks	Cable	Order Code	Price Each	1+	10+	50+
Straight Jack	Clamp	RG405	134-2643●	1.47	1.26	1.16
Straight PCB Mount Jack	PCB	134-2645●	1.85	1.58	1.46	
R/A PCB Mount Jack	PCB	134-2646●	2.91	2.48	2.29	
Straight Bulkhead		134-2647●	2.45	2.09	1.94	
R/A Bulkhead		134-2648●	4.44	3.79	3.50	

Adapters

467820

Adapters	Order Code	Price Each	1+	10+	50+
SMA Plug - SSMB Jack	134-2649●	3.72	3.18	2.95	
SMA Jack - SSMB Plug	134-2650●	5.26	4.52	4.15	

SMP Coaxial Connectors 50Ω

- PC board to board interconnects
- Snap fit mating
- Small package size
- High frequency: 0-40 GHz

Impedance	50ohm
Frequency Range	0 -40GHz
Contact Resistance	
Material	Brass - Gold plated

LCP

Cable Type	Tab Length	Mfrs. List No.	Order Code	Price Each	1+	10+	50+
PCB Plug - Through Hole							
Limited Detent		73415-3310	134-0182●	1.41	1.31	1.21	
		73415-3320	134-0184●	1.27	1.17	1.10	
PCB Edgemount Plug							
Limited Detent	1.27mm	73415-3593	134-0193●	1.05	0.98	0.92	
Limited Detent	2.29mm	73415-3592	134-0194●	1.05	0.98	0.92	
Jacks - Right Angle Cable mount							
SR086		73415-3032	134-0187●	1.49	1.39	1.31	
SR047		73415-3581	134-0188●	1.74	1.63	1.52	
SR047	Ext. Collar	73415-5122	134-0191●	2.52	2.35	2.18	
RG316		73415-5032	134-0192●	2.98	2.76	2.59	
Adapters - Jack/Jack							
20.3mm		73415-3356	134-0186●	1.79	1.66	1.56	
23.8mm		73415-3032	134-0187●	1.49	1.39	1.31	

MMS Series
Microminiature Connectors

Over 480,000 products online



08447 11 11 11

Fax: 08447 11 11 12 1835



Microminiature Coaxial Connectors - continued

MMS Series - continued

Microminiature Connectors - continued

- Low profile microminiature coaxial connectors
- Coupled height: 5.2mm
- Surface-mounting socket
- Fully compatible with "pick and place" automatic installation machines

Mfrs. List No. Order Code Mfrs. List No. Order Code
R209357000 111-7057 R285001021 111-7056

Impedance: 50Ω
Operating frequency: 0-6GHz
SWR: 1.05 max. at 1GHz, 1.15 max. at 2.5GHz, 1.35 max. at 6GHz
Operating voltage (RMSV): 50V
Insertion loss: 0.2dB at 2GHz
RF leakage: -50dB at 500MHz, -45dB at 1GHz, -40dB at 2GHz
Insulation resistance: 500MΩ min.
Endurance: 50 cycles
Operating temperature: -40 to +90°C
Body: Plug: Zinc/Nickel-plated brass
Socket: Gold-plated phosphor bronze
Central Contact: Plug: Nickel-plated brass
Socket: Gold-plated beryllium copper
Insulation: PTFE

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

Cable Group	Cable Type	Order Code	1+	10+	25+	50+	Price Each
Angled Plug for Crimping							
2.6/75S	RG 174 A/U	111-7057●	2.73	2.52	2.31	2.14	
Pigtails: Angled Plug for Crimping + 200cm brown RG178 cable							
2/50S	RG 178 B/U	111-7056●	4.48	4.17	4.00	3.83	
SMT Socket		111-7058●	2.66	2.41	2.24	2.06	

MMT Series (50Ω)



- Low profile coaxial connectors
- Surface Mount Receptacle (SMT)
- Fully Compatible with automated pick and place machines
- Snap-On mating
- 360° cable rotation
- Reverse mating

Electrical Characteristics

Impedance 50Ω
Frequency Range DC - 8GHz
Insulation Resistance 5000 MΩ
Working Voltage 170V

Mechanical Characteristics

Mating Cycles 500Min
Operating Temperature Range -55°C to +100°C

Materials

Plug Bodies	Zinc, die cast
Receptacle Bodies	CuSn9P
Plating	
Plug Bodies	Nickel
Receptacle Bodies	Gold

209582

Pigtails (200mm)	Order Code	1+	25+	50+	100+	300+	500+	Price Each
RG-174	304-4130●	6.62	5.53	4.75	4.16	3.69	3.33	
RG-178	304-4142●	6.99	6.17	5.54	4.96	4.48	4.10	
SMT Receptacles	304-4154●	2.92	2.37	2.09	1.80	1.63	1.42	

Mini RF Switching Connector



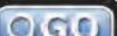
Engineered for life

Frequency 0.01 - 6 GHz
Contact Material Beryllium Copper
Insulator LCP Plastic
Impedance 50Ω

477920

Connecteur	Mfrs. List No.	Order Code	1+	100+	500+	1K+	Price Each
Mini RF Connector							
Mini RF Adapter	120220-0180	136-1749●	0.36	0.31	0.26	0.20	
Mini RF Snap-On	120220-0175	136-1750●		86.97			
Mini RF Ball Nose	120220-0176	136-1751●		93.18			
Test Cable							
Straight	078161-0601	136-1753●		31.06			
Right Angle	078161-0603	136-1754●		31.06			

Over 480,000 products online



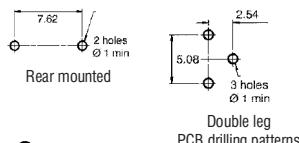
Subminiature Coaxial

Coaxial Terminators

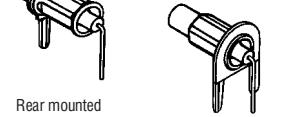


Single leg 121-5643 Double leg, elbow 121-5645

ITT SEALECTRO



Rear mounted Double leg PCB drilling patterns



Rear mounted

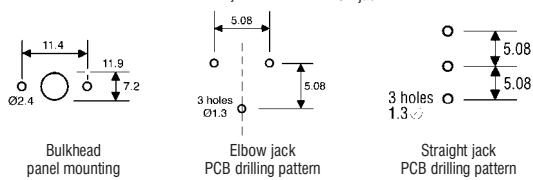
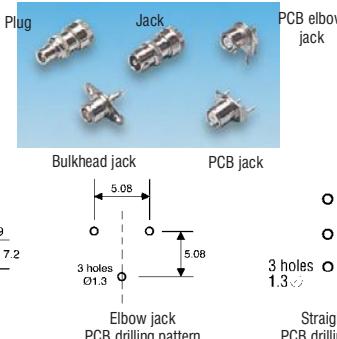
Mfrs. List No. 055-939-9029FCD = 121-5643

055-939-9049FCD = 121-5645

219791

10 Per Pack	Order Code	1+	5+	10+	Price Per Pack
Single leg	121-5643●	6.69	5.41	4.44	
Double leg, elbow	121-5645●	7.36	5.96	4.90	

Plugs & Sockets 50Ω



A range of miniature coaxial connectors suitable for communication electronics. They are small and robust and feature external circlip on female receptacles for maximum strength.

Proof voltage 2kV dc min
Impedance 50Ω
Temperature rating -25°C to +70°C

Mfrs. List No. L1465 + suffix

219828

Mfrs. Suffix	Order Code	1+	25+	50+	200+	500+	Price Each
Plug	BFP	310-4141●	3.36	3.30	2.83	2.55	2.10
Bulkhead jack	C CS	310-438●	2.62	2.37	2.16	1.99	1.84
PCB jack	PCS	310-440●	3.47	3.39	2.91	2.60	2.21
PCB elbow jack	RPCS	310-451	4.10	4.03	3.56	3.14	2.66

MCX Series



MCX Plugs and Jacks

50Ω and 75Ω



● MCX snap on connectors offer an excellent blend of size, weight, durability and performance

● Designed for frequencies up to 6 GHz

● Tested according to CECC 22200

● Typical applications include mobile and fixed telecommunications, GPS, test and measurement

Impedance	50Ω	75Ω
DWV	≥750V rms 50 Hz	≥500V rms 50 Hz
Contact Res - Centre	≤5.0mΩ	5.0mΩ
Contact Res - Outer	≤1.0mΩ	2.5mΩ
Ins Resistance	≥10000MΩ min	10000MΩ min
Temp Range	-55°C to +155°C	-65°C to +165°C
Working Voltage	≥170V rms 50 Hz	≤170V rms 50 Hz
Frequency Range	0 to 6.0 GHz	0 to 6.0 GHz
Mating Cycles	≥500	≥500
Bodies	Brass/Gold plated	Brass/Gold plated
Contacts	Beryllium Copper/Gold plated	Beryllium Copper/Gold plated
Insulator	PTFE/PFA	PTFE/PFA

Mfrs. List No.	Order Code	1+	10+	50+	24060
Plugs - RG178 - 50Ω					
Straight 11 MCX-50-1-13/111NH	416-3308●	3.87	3.09	2.79	
Jacks - RG178 - 50Ω					
Straight 21 MCX-50-1-11/111NH	416-3321●	6.07	4.84	4.41	
RA 16 MCX-50-1-7/111NH	416-3310●	3.06	2.72	2.52	
Plugs - RG174 - 50Ω					
Straight 11 MCX-50-2-16/111NH	416-3333●	2.69	2.32	2.15	
RA 16 MCX-50-2-14/111NH	416-3345●	2.92	2.62	2.41	
Jacks - RG174 - 50Ω					
Straight 21 MCX-50-2-13/111NH	416-3357●	3.91	3.48	3.21	
Plugs - RG179 - 75Ω					
Straight 11 MCX-75-2-1/113NE	416-3369●	5.53	4.42	4.02	
RA 16 MCX-75-2-5/133NH	416-3370●	6.73	5.39	4.91	
Plugs - RG405 (Semi-Rigid Cable) - 50Ω					
Straight 11MCX-50-2-19/111NE	855-8221●	4.43	3.55	2.95	
RA 16MCX-50-2-104/111NH	855-8230●	5.84	4.66	4.31	
Bulkhead Jacks - RG405 (Semi-Rigid Cable) - 50Ω					
Straight 24MCX-50-2-3/111NE	855-8264●	7.39	5.92	4.93	
Bulkhead Solder Jacks - 50Ω					
Straight 22MCX-50-0-2/111NH	855-8248●	4.33	3.49	2.89	
PCB Mount Solder Jacks - 50Ω					
Straight 82 MCX-50-0-17/111NH	416-3394●	1.92	1.70	1.56	
RA 85 MCX-50-0-16/111NH	416-3400●	6.14	4.92	4.47	
PCB Mount Solder Jacks - 75Ω					
Straight 82 MCX-75-0-5/111 NH	416-3412●	3.06	2.44	2.21	
RA 85 MCX-75-0-1 / 111 NE	416-3424●	8.09	6.48	5.87	
Surface Mount Solder Edge Jacks - 50Ω					
Straight 82MCX-S50-0-22/111NE	855-8280●	5.52	4.41	3.67	

MCX Series - 50 and 75Ω

- Subminiature coaxial connectors
- "Push-pull" snap-on mating
- The MCX series is 30% smaller than the SMB
- Complies with specification **CECC 22220**

Applications : Wireless communications, civil and military radio-telecommunication equipment

Impedance: 50 / 75Ω
 Frequency range: 0-6.0GHz
 Typical VSWR: Straight models: 1.35 max. at 3GHz
 Right angle models: 1.63 max. at 3GHz
 Insulation resistance: 1000Mohm
 Durability: 500 matings
 Operating temperature: -55°C to +155°C
 Body: Brass - Gold plated or BBR
 Center contact: Måle:Brass - Gold plated
 Female : Beryllium copper - Gold plated
 PTFE

Mfrs. List. No.	Order Code	Mfrs. List. No.	Order Code
50Ω		R11366400	419-4410
R11308200	886-828	R11366500	419-4421
R113181000	419-4354		
R113182000	886-830	R213082007	304-4180
R113240000	887-134	R213182007	304-4178
R113424000	419-4378	R213238007	304-4191
R113426000	886-853	R213426000	304-4208
R113553000	886-841	R213665000	304-4210

244788

MCX Plugs and Jacks 50Ω and 75Ω**Amphenol**

- MCX Coaxial Connectors with an impedance of 50Ω at 6 GHz

Impedance 50Ω	Insulation Resistance 6GΩ
Frequency Range 0 - 6GHz	Body Brass - Gold plated
VSWR Straight:1.3 max	Contacts Pin: Brass - 30μ gold plated
Right Angle: 1.5 max	Socket: Beryllium copper - 30μ gold plated
Contact Resistance 5.0mΩ Centre 1.0mΩ Outer	Insulation Teflon

230283

Mfrs. List No.	Imped- ance	Cable Group	Tool No.	Order Code	Price Each	1+	25+	50+	100+
Straight Crimp Plug									
MCX1121A1-3GT30G-5-50	50Ω	5	1	111-1317●	2.21	2.04	1.96	1.78	
Right Angle Crimp Plug									
MCX1121A1-3GT30G-5-50	50Ω	5	1	111-1320●	3.61	3.49	3.34	3.13	
Straight PCB Jack									
MX6251B1-3GT30G-50	50Ω	—	—	111-1323●	3.11	2.96	2.77	2.41	
Right Angle PCB Jack									
MX6252B1-3GT30G-50	50Ω	—	—	111-1324●	5.02	4.78	4.55	4.05	

MCX Plugs and Jacks**Tyco Electronics**

50Ω



- Lightweight micro miniature connectors operating between DC to 6 GHz
- Snap-on coupling to offer ease of assembly
- 30% space reduction over similar SMB/SMC connector types
- Optimised engagement and disengagement force ensure ease of mating and prevent damage to PCB solder connections

Impedance 50Ω	Contact Resistance - Outer 1mΩ Max
Frequency Range 60 - GHz	Insulation Resistance 1000 MΩ Min
VSWR - Straight 1.22 : 1	Center Contact Plating Gold
VSWR - RA 1.15 : 1	Body Beryllium Copper Gold plated
Contact Resistance - Center 5mΩ Max	(Beryllium Copper Gold plated: 810-4654 & 810-4662)

37337

Cable	Mfrs. List No.	Order Code	Price Each	1+	25+	50+	100+	+
Straight Plug - Crimp								
RG174 1-1337580-0	810-4573●	1.68	1.55	1.47	1.39	—	—	—
RA Plug - Crimp								
RG178 1-1337584-0	120-6024●	3.15	2.90	2.77	2.61	—	—	—
RG174 1-1337585-0	120-6026●	3.35	3.09	2.94	2.78	—	—	—
PCB Mount Sockets - Through Hole								
Straight 1-1337581-0	120-6021●	1.94	1.79	1.70	1.61	—	—	—
RA 1-1337586-0	120-6027●	3.90	3.54	3.28	2.79	—	—	—
PCB Mount Sockets - Surface Mount								
Straight 1-1337582-0	810-4590●	1.51	1.39	1.33	1.25	—	—	—
RA 1-1337583-0	120-6022●	3.48	3.20	3.04	2.86	—	—	—

MCX Plugs and Jacks**multicomp**

- MCX Connectors offer a 30 per cent reduction in space over similar MB/SMC types
- Designed for frequencies up to 6 GHz
- Typical applications include, GPS, Antenna, Automotive, Instrumentation, and Telecom
- Push / Pull snap on coupling
- Ideal for use where size, weight, performance and ease of assembly are the driving considerations

Impedance 50Ω	Material 1.0mohm	Frequency Range 1000Mohm	0 to 6.0 GHz
Contact Resistance 1.0mohm	Material Contact plating		Brass
Insulation Resistance 1000Mohm			Gold

311875/406782

Order Code	Price Each	1+	10+	50+
Applicable Cable - RG174, 188A, 31				
Straight Plug, Crimp	116-9675●	2.68	2.30	2.02
Straight Jack, Crimp	116-9677●	2.55	2.18	1.92
Right Angle Plug, Crimp	116-9678●	4.14	3.54	3.12
Straight Bulkhead Jack, Crimp	116-9680●	1.52	1.30	1.14
Applicable Cable - 178, 196				
Right Angle Plug Crimp	116-9679●	2.36	2.09	1.89
Straight Bulkhead Jack, Crimp	116-9681●	2.29	1.95	1.71
Surface Mount Receptacle				
Straight Jack	116-9682●	2.30	1.99	1.73
Right Angle Jack	116-9684●	4.14	3.54	3.12
Between Series				
Straight SMA Jack to MCX Jack	116-9685●	3.14	2.68	2.37
Straight SMA Jack to MCX Plug	116-9686●	4.26	3.64	3.18

Connectors – RF Coaxial

FME Series

FME Connectors

50Ω

- Fully intermateable with IEC mating face requirements, CEES and US MIL-C specifications
- Terminates to RG58 and RG174 cables
- Adaptors enable interconnection with BNC and SMA connectors
- Suited to wireless telecommunication and Wide Local Area Network applications

Impedance	50Ω	Body	Brass - Nickel Plated
Frequency Range	2.00 - GHz	Contact	Brass - Gold Plated
VSWR	1.30 : 1		

373582

Tyco Electronics

Cable	Mfrs. List No.	Order Code	1+	25+	50+	100+	Price Each
Straight Plug, Crimp							
RG58 1-1337550-0	120-60140●	2.43	2.26	2.16	2.04		
Straight Jacks, Crimp							
RG174 1-1337551-0	120-60150●	1.78	1.65	1.59	1.50		
RG58 1-1337552-0	120-60160●	1.68	1.56	1.50	1.41		
Bulkhead Plug, with Solder Tag							
1-1337554-0	120-60180●	2.61	2.36	2.17	1.86		
Adaptor, FME Plug to FME Plug							
1-1337553-0	120-60170●	2.11	1.96	1.88	1.77		
Adaptor, FME Plug to SMA Plug							
1-1337558-0	120-60190●	3.15	2.90	2.77	2.61		

373582

QSL Connector System

QSL RF Connector System

Tyco Electronics

New



- Surface and Panel Mount Compatible
- 3 Port
- Low Profile
- Highly reliable ruggedised interface
- Designed for RG 174 & RG 316 Cable

- 3 port QSL footprint - 12.5 mm D x 17.5 mm W x 10mmH
- Platform expandable for multiple ports, configuration, and colour options

Receptacle Specifications:-

Current Rating	5A	Voltage Rating	60V
Contact Material	Copper Alloy	Housing Material	LCP
Impedance	50ohm	Impedance	20mohm
No. of Mating Cycles	100Mohm	No. of Mating Cycles	500
Operating Temp.	-40°C to 85°C		

Dipole Antenna Specifications:-

Frequency Range	2.4 - 2.4835	Azimuth Gain at connector	-2 dBi @ 2.4 GHz
	4.9 - 5.875 GHz		-4 dBi @ 5 GHz
Frequency Range	< -10 dB	VSWR	< 2.0:1
Operating Temp.	-40°C to 70°C	Polarization	Vertical
Power Handling	10 Watts max.	Feed Point Impedance	50ohm
Size	95mm x 85mm dia.	Weight	180g

528905

17

Mfrs. List No.	Order Code	1+	10+	50+	100+	Price Each
PCB Receptacles, 3 Port						
w/o Flange	2016032-1	167-95910●	10.01	8.99	7.15	6.37
with Flange	1274824-2	167-95920●	10.01	8.99	7.15	6.37
Test Board with Receptacles, 3 Port						
QLS to SMA	1513743-1	167-95930●	85.33	76.57	60.95	54.30
QLS to UMCC	2016008-1	167-95950●	31.98	28.70	22.84	20.35
Test Dongle, 3 Port						
QLS to SMA	2032605-1	167-95960●	42.56	38.19	30.40	27.08
RG-174 Cable Assemblies, 3 Port, QSL to Pigtail, Length = 0.8m						
w/o Flange	2015518-1	167-95970●	6.70	6.01	4.78	4.26
with Flange	2053075-1	167-95980●	6.60	5.92	4.71	4.20
3 Port Cable Plugs with WiMax Antenna Module Assemblies, RG-174 cable, Length = 0.8m						
w/o flange	1513711-1	167-95990●	15.62	14.01	11.15	9.94
with flange	1513712-1	167-96010●	16.40	14.72	11.71	10.43
3 Port Cable Plug with Dipole Antenna Module Assembly						
RG-174 cable	1513837-1	167-96020●	20.71	18.59	14.79	13.18

PET 100 Series

Free Plug and Bulkhead Sockets 50Ω

DEUTSCH



Free plug Bulkhead socket, cable entry Bulkhead socket, solder tail

Working voltage 3kV ac or dc peak Frequency range dc to 1500MHz

Current rating	2.5A	Insulation resistance	>100000MΩ
Mfrs. List No.	101UR70 = 121-4314	122UR70 = 121-4315	142BNP = 121-4316
			219819

Order Code	Price Each					
	1+	10+	25+	50+	100+	250+
Free Plug	121-43140●	16.40	16.07	13.85	13.43	11.97
Bulkhead Socket						
Cable Entry	121-43150●	30.84	30.21	25.78	23.57	21.04
Solder Tail	121-43160●	17.23	16.37	14.19	13.54	12.09
						11.04

SMA Series - Snaplock

SMA Cable Plug Kits

Tyco Electronics



Straight



Right Angle

New

Body Style	Mfrs. List No.	Order Code	1+	25+	100+	250+	Price Each
Straight	1408541-1	168-61680●	6.23	5.34	4.16	3.60	
Right Angle	1274694-1	168-61690●	6.70	5.74	4.47	3.87	

528922

SMA Series - Screw Coupling

SMA

PCB Socket

Tyco Electronics



Impedance	50Ω
Frequency Range	0-3GHz
Centre Contact Resistance	3mohm
Outer Contact Resistance	2mohm
Insulation Resistance	5000Mohm
Mating Cycles	50
Body	Zinc Alloy Alloy
Contacts	Beryllium Copper / Gold plated
Insulation	PTFE

Mfrs. List No.	Order Code
5-1814400-1	124-8989
5-1814832-1	124-8990

451204

Order Code	1+	10+	50+	100+	Price Each
PCB Socket					
Right Angle	124-89890●	1.43	1.33	1.27	1.20
Straight	124-89900●	1.23	1.14	1.09	1.03

SMA Plugs, Jacks and Adaptors

50Ω

Tyco Electronics



Impedance	50Ω
Frequency Range	18 (Elbow 12.4)
Contact Resistance	3mΩ (Elbow 4)
Ins Resistance	500mΩ min
Temp Range	-65°C to 165°C to +50
Mating Cycles	500
1-1478903-0	105-6352
1-1478904-0	105-6353
1-1478905-0	105-6354
1-1478906-0	105-6355
1-1478988-0	105-6369
1-1478959-0	105-6373
1-1478963-0	105-6374
1-1478907-0	105-6356
1-1478908-0	105-6357
1-1478912-0	105-6358
1-1478916-0	105-6361
1-1478966-0	105-6375
1-1478967-0	105-6376
1-1478979-0	105-6377
1-1478921-0	105-6362
1-1478922-0	105-6363
1-1478923-0	105-6364
1-1478981-0	105-6379
1-1478983-0	105-6380
1-1478985-0	105-6381

		Price Each			
	Order Code	1+	25+	100+	250+
Straight plug, Direct solder					
RG 402	105-6352●	2.84	2.62	2.30	2.14
RG 405	105-6353●	2.95	2.73	2.39	2.21
R/A plug, Direct solder					
RG 402	105-6354●	5.52	5.11	4.47	4.14
RG 405	105-6355●	5.75	5.32	4.66	4.31
Straight plugs, Solder clamp					
RG 58	105-6356●	6.78	6.23	5.97	5.63
RG 174	105-6357●	6.88	6.36	5.57	4.81
R/A Plug, Solder clamp					
RG 174	105-6358●	9.54	8.83	7.72	6.67
Straight plug, Commercial Crimp					
RG 174 C/Cmp	105-6361●	4.55	4.37	4.18	4.00
Straight Plug M/L Crimp					
RG 55 M/Cmp	105-6362●	8.34	7.49	6.79	6.35
RG 316 M/Cmp	105-6363●	6.64	6.37	6.11	5.84
R/A plug Solder Crimp					
RG 58	105-6364●	6.07	5.83	5.58	5.35



		Price Each			
	Order Code	1+	25+	100+	250+
Bulkhead Jack, Direct solder					
RG 402	105-6368●	4.80	4.42	4.22	3.99
RG 405	105-6369●	5.99	5.51	5.26	4.97
Bulkhead jack,					
RG 174 M/Cmp	105-6373●	11.27	10.79	10.16	9.04



		Price Each			
	Order Code	1+	25+	100+	250+
Sockets					
Panel receptacle	105-6374●	4.28	3.93	3.76	3.55
Rear mount Bulkhead receptacle	105-6375●	3.71	3.41	3.27	3.08
Panel launcher, Contact captivation	105-6376●	5.02	4.66	4.04	3.65
Straight PCB	105-6377●	7.20	6.90	6.48	5.97



339005

		Price Each			
	Order Code	1+	25+	100+	250+
Adaptors					
Plug / Plug	105-6379●	8.93	8.39	8.03	7.52
Jack / Plug	105-6380●	7.73	7.43	6.95	6.51
Dust cap and Chain					
Plug	105-6381●	1.90	1.75	1.67	1.58

SMA Plugs and Jacks

- Precision connectors for microwave applications up to 18GHz
- Characterised by high mechanical strength, high durability, high reliability and low VSWR

Impedance	50Ω	Contact Res - Outer	2.5mΩ
Frequency Range	0 to 18.0GHz	Ins Resistance	$\geq 5 \cdot 10^3$ MΩ min
Contact Res - Centre	3mΩ	Temp Range	-65°C to +165°C to +
Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
11 SMA-50-3-5/111NH	416-2961	24 SMA-50-3-42/133NE	416-2997
16 SMA-50-3-105/111NE	416-2985	11 SMA-50-1-4/111NE	416-3047
21 SMA-50-3-5/111NE	416-2973	16 SMA-50-1-1/111NE	416-3059

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
24 SMA-50-1-3/111NE	416-3060	24 SMA-50-3-15/111NH	416-3140
11 SMA-50-2-5/111NH	416-3072	11 SMA-50-2-15/111NE	416-3151
16 SMA-50-2-105/111NE	416-3084	21 SMA-50-2-15/111NH	416-3175
21 SMA-50-2-5/111NE	416-3096	24 SMA-50-2-15/111NH	416-3187
24 SMA-50-2-14/111NH	416-3102	82 SMA-50-0-1/111NE	416-3000
11 SMA-50-3-15/111NE	416-3114	85 SMA-50-0-10/111NE	416-3011
16 SMA-50-3-3/111NE	416-3126	31 SMA-50-0-1/111NE	416-3023
21 SMA-50-3-15/111NH	416-3138	34 SMA-50-0-1/111NH	416-3035

240676

		Price Each		
	Order Code	1+	10+	50+
Plugs - RG58				
Straight	416-2961●	6.23	5.56	5.13
RA	416-2985●	6.44	5.75	5.32
Jacks - RG58				
Straight	416-2973●	7.90	7.04	6.53
Bulkhead (Nickel Plated)	416-2997●	7.10	6.34	5.85
Plugs - RG178				
Straight	416-3047●	11.21	8.95	8.18
RA	416-3059●	8.08	7.20	6.65
Jacks - RG178				
Bulkhead	416-3060●	17.69	14.15	12.87
Plugs - RG174				
Straight	416-3072●	5.05	4.51	4.17
RA	416-3084●	4.72	4.22	3.91
Jacks - RG174				
Straight	416-3096●	7.21	6.44	5.95
Bulkhead	416-3102●	9.85	8.77	8.12
Plugs - RG402				
Straight	416-3114●	4.88	4.19	3.67
RA	416-3126●	8.83	7.06	6.42
Jacks - RG402				
Straight	416-3138●	6.63	5.31	4.81
Bulkhead	416-3140●	9.53	7.64	6.35
Plugs - RG405				
Straight	416-3151●	4.45	3.56	3.23
Jacks - RG405				
Straight	416-3175●	5.77	4.61	4.19
Bulkhead	416-3187●	8.41	7.52	6.93
PCB Mount Jacks				
Straight	416-3000●	6.07	4.84	4.41
RA	416-3011●	9.57	7.66	6.94
Adaptors				
Jack to Jack	416-3023●	12.87	10.29	9.37
BHead Jack to Jack	416-3035●	14.71	11.77	10.70

**Commercial SMA Series - 50Ω**

- Subminiature coaxial connectors
- Screw-on coupling
- High RF performance
- 2 plating options:
-BBR
-Gold

Applications : Telecommunication, measurement and test systems, general electronics, aeronautics...

Impedance:	50ohm
Frequency range:	0-12.4GHz
Typical VSWR:	2.6/50 5/50/D
Straight models:	1.15 + 0.02F(GHz) 1.15 + 0.01F(GHz)
Right angle models:	1.15 + 0.03F(GHz) 1.15 + 0.02F(GHz)
Working voltage in VRMS (at sea level):	250V 335V
Insulation resistance:	5000Mohm min.
Durability:	100 matings
Operating temperature:	-65°C to +165°C
Body:	Brass - BBR or Gold plated
Center contact:	Male : Brass - Gold plated Female : Beryllium copper - Gold plated
Insulator:	PTFE
Gaskets:	Silicone rubber
Mfrs. List No.	Order Code
R124071123	419-4585
R124075323	419-4597
R124426123	419-4603
R124680123	419-4615

244819

Cable Group	Order Code	1+	10+	25+	50+
Straight plug full crimp type					
2.6/50 S	419-4585●	5.41	4.98	4.58	4.21
5/50 S	419-4597●	5.74	5.28	4.86	4.47
Straight female PCB receptacle					
Right angle female PCB receptacle	419-4603●	4.93	4.54	4.17	3.84
	419-4615●	8.97	8.07	7.27	6.55

SMA Series - Screw Coupling - continued**Standard SMA Series - 50Ω**

RADIALL®

- Subminiature coaxial connectors
- Screw-on coupling
- High RF performance
- 2 plating options:
-Passivated stainless steel
-Gold plated

Applications : Civil & military telecommunications, civil & military aeronautics, space, measurement systems...

Impedance: 50Ω

Frequency range: 0-18GHz

Operating temperature: Standard models : -65°C to +165°C

Insulation resistance: 5000MΩ min.

Durability: 500 matings

Body: Stainless steel - Passivated or gold plated

Center contact: Male :Brass - Gold plated

Female : Beryllium copper - Gold plated

Insulator: PTFE

Gaskets: Silicone rubber

Mfrs List No.	Order Code	Mfrs List No.	Order Code
Gold plated			
R125055000	419-4639	R125052002	419-4627
R125072000	419-4652	R125055002	419-4640
R125075000	419-4664	R125076001	859-0982
R125076000	419-4676	R125091001	859-1008
R125077000	859-0990	R125153002	419-4690
R125153000	419-4688	R125154002	419-4706
R125172000	419-4718	R125172001	859-1016
R125175000	419-4720	R125176001	859-1024
R125176000	419-4731		

Plugs

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244822

Cable Group	Order Code	1+	10+	25+	50+	Price Each
Gold plated version						
Straight plug solder type						
.141	419-4639●	2.86	2.67	2.58	2.55	
Right angle plug solder type						
.085	419-4688●	7.44	6.81	6.68	6.56	
Straight plug crimp/solder type						
2.6/50 S	419-4652●	4.58	4.12	3.53	3.13	
5/50 S	419-4664●	6.17	5.88	5.22	4.86	
5/50 S	859-0990●	8.60	8.17	7.77	7.37	
5/50 D	419-4676●	6.40	5.76	4.89	4.42	
Right angle plug crimp/solder type						
2.6/50 S	419-4718●	7.33	6.77	6.15	5.56	
5/50 S	419-4720●	6.95	6.46	6.18	5.92	
5/50 D	419-4731	8.32	7.45	6.32	5.73	
Passivated version						
Straight plug solder type						
.085	419-4627●	3.55	3.19	2.73	2.42	
.141	419-4640●	3.58	3.21	2.74	2.44	
Right angle plug solder type						
.085	419-4690●	7.29	6.56	5.58	5.00	
.141	419-4706●	7.33	6.58	5.58	5.05	
Straight plug crimp type						
5/50 D	859-0982●	4.66	4.41	4.20	3.99	
Right angle plug crimp type						
2.6/50 S	859-1016●	8.22	7.57	6.96	6.41	
5/50 D	859-1024●	7.02	6.67	6.34	6.03	
Straight plug clamp type						
2.6/50 S	859-1008●	7.73	7.12	6.55	6.00	

Jacks

Mfrs List No.	Order Code	Mfrs List No.	Order Code
Gold plated			
R125222000	859-1032	R125255000	859-1083
R125225000	859-1040	R125272000	859-1091
R125236000	859-1059	R125303000	419-4755
R125237000	859-1067	R125325000	859-1105
R125238000	859-1075	R125326000	859-1113

Cable Group	Order Code	1+	10+	25+	50+	Price Each
Gold plated version						
Straight jack solder type						
.085	859-1032●	5.84	5.36	4.93	4.53	
.141	859-1040●	5.03	4.64	4.27	3.91	
Straight jack crimp/solder type						
2.6/50 S	859-1059●	8.15	7.47	6.88	6.33	
5/50 S	859-1067●	12.56	11.94	11.34	10.78	
5/50 D	859-1075●	9.34	8.87	8.43	8.04	
Straight flange jack solder type						
.085	419-4743●	12.46	11.26	9.52	8.59	
Straight square flange jack solder type						
.141	859-1083●	10.02	9.22	8.49	7.82	
2.6/50 S	859-1091●	12.79	11.77	10.82	9.95	

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Bulkhead jack crimp/solder type					
2.6/50 S	419-4755●	10.78	9.71	8.25	7.44
Straight bulkhead jack panel seal solder type					
.085	859-1113●	8.46	8.04	7.63	7.25
.141	859-1105●	9.28	8.56	7.85	7.22

Receptacles

Mfrs List No.	Order Code	Mfrs List No.	Order Code
Gold plated		Passivated	
R125403000	419-4767	R125530000	419-4809
R125414000	419-4779	R125680000	419-4810
R125426000	419-4780	R125433000	859-11121
R125444000	859-1156	R125454000	859-1172
R125454000	859-1180	R125483000	419-4792

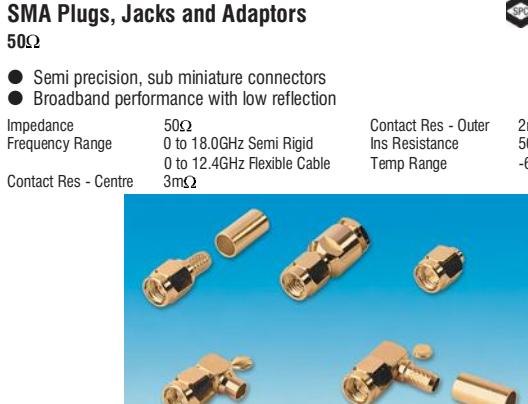
Description	Order Code	1+	10+	25+	50+	Price Each
Gold plated version						
Straight female flange receptacle	419-4767●	8.93	8.01	6.83	6.15	
2 holes flange jack receptacle-solder pot	859-1180●	8.27	7.60	6.99	6.44	
Bulkhead female receptacle	419-4809●	8.26	7.42	6.29	5.66	
Square flange plug receptacle	859-1148●	13.17	12.14	11.15	10.27	
2 hole flange plug receptacle	859-1202●	14.57	13.41	12.34	11.35	
Square flange extended dielectric receptacle	419-4779●	9.79	8.85	7.53	6.74	
Square flange plug receptacle-solder pot	859-1156●	12.87	11.84	10.89	10.02	
Square flange jack receptacle-tab contact	859-1210●	14.30	13.14	12.09	11.13	
Straight female PCB receptacle	419-4780●	6.48	5.86	4.98	4.45	
Right angle female PCB receptacle	419-4810●	7.95	7.62	6.81	6.31	
Passivated version						
Square flange jack receptacle-solder pot	859-1121●	6.72	6.17	5.68	5.23	
2 holes flange jack receptacle-solder pot	859-1172●	8.71	8.00	7.35	6.78	
Straight female flange receptacle	419-4792●	13.34	12.00	10.25	9.18	

Adapters and accessories

Mfrs List No.	Order Code	Mfrs List No.	Order Code
Gold plated		Passivated	
R125703000	419-4822	R125704001	859-1261
R125704000	419-4846	R125705001	419-4860
R125705000	419-4858	R125720001	419-4883
R125720000	419-4871	R125753001	419-4901
R125753000	419-4895	R125791501	859-1296
R125812000	859-1300	R125812001	859-1318

Protective

Description	Order Code	1+	10+	25+	50+	Price Each
Gold plated version						
Male-male adapter	419-4822●	9.37	8.73	8.35	7.99	
Female-female adapter	419-4858●	9.61	9.14	8.23	7.64	
Bulkhead female-female adapter	419-4871●	15.52	13.99	11.86	10.69	
Bulkhead hermetically sealed female-female adapter	419-4895●	66.00	59.41	50.16	45.20	
Male-female adapter	419-4846●	9.68	9.02	8.63	8.25	
Protective male cap with chain	859-1300●	8.43	8.02	7.62	7.23	
Passivated version						
Male-male adapter	419-4834●	14.12	12.73	10.84	9.78	
Male-female adapter	859-1261●	12.52	11.90	11.30	10.74	
Female-female adapter	419-4860●	9.44	8.45	7.22	6.49	
Bulkhead female-female adapter	419-4883●	14.51	13.05	11.08	9.95	
Bulkhead hermetically sealed female-female adapter	419-4901●	44.51	39.78	33.87	30.45	
Male-female adapter push-on type	859-1296●	30.91	28.44	26.17	24.09	
Protective male cap	859-1318●	7.17	6.81	6.48	6.14	



SMA Plugs

multicomp
50Ω

- Semi precision, sub miniature connectors
- Broadband performance with low reflection

Impedance	50Ω	Contact Res - Outer	2mΩ
-----------	-----	---------------------	-----

	Cable	Order Code	1+	10+	50+	100+
Straight Plugs						
Crimp	RG58	116-9616●	2.23	1.94	1.69	1.53
Clamp	RG58	116-9617●	3.12	2.68	2.35	2.15
Clamp	RG174	116-9618●	3.10	2.67	2.34	2.14
Direct Solder	RG402	116-9619●	2.30	1.98	1.73	1.56
Direct Solder	RG405	116-9620●	1.84	1.58	1.39	1.24
RA Plugs						
Crimp	RG58	116-9627●	2.90	2.48	2.18	1.97
Direct Solder	RG402	116-9624●	3.94	3.38	2.96	2.68
Direct Solder	RG405	116-9625●	3.94	3.38	2.96	2.68



SMA Jacks

	Cable	Order Code	1+	10+	50+	100+
Straight Bulkhead Jack						
Direct Solder	RG402	116-9621●	2.09	1.79	1.58	1.43
Direct Solder	RG405	116-9623●	2.23	1.90	1.68	1.52
Crimp	RG58	116-9628●	3.55	3.05	2.67	2.41
Straight Bulkhead Jack - Rear Mount						
Solder		116-9630●	2.89	2.48	2.17	2.15
4 Hole Square Flange Jack - Epoxy Captivated						
		116-9626●	4.30	3.69	3.23	2.93
2 Hole Flange Jack Receptacle - Solder Pot Contact						
		116-9629●	3.25	2.79	2.46	2.20



SMA PCB Mount Jacks

	Order Code	1+	10+	50+	100+
PCB Mount Jacks					
Through Hole PCB Mount					
Straight	116-9631●	3.23	2.79	2.45	2.19
RA	116-9632●	4.36	3.72	3.30	2.97
SMT PCB Mount					
Straight	116-9633●	3.41	2.92	2.56	2.33
RA	116-9635●	3.27	2.79	2.46	2.22



SMA Adaptors

239946

	Order Code	1+	10+	50+	100+
Adaptors					
SMA Plug - SMA Plug	116-9638●	3.49	3.01	2.63	2.36
SMA Jack - SMA Jack	116-9639●	3.23	2.79	2.45	2.19
RA SMA Plug - SMA Jack	116-9636●	4.75	4.10	3.56	3.21
SMA BH Jack - SMA Jack	116-9637●	4.59	3.94	3.45	3.10

SMA Coaxial Connectors 50 Ω**Amphenol**

- SMA coaxial connectors with an impedance of 50Ω up to 18GHz

Impedance	ohm50
Frequency Range	GHz0 - 18 Semi Rigid Cable 0 - 12GHz Flexible Cable
VSWR	1.05
Contact Resistance	2.0mohm 2.0mohm
Insulation Resistance	5Gohm
Body	Steel - Gold plated
Contacts	Socket: Beryllium Copper - Gold plated Pin: Brass - Gold plated
Insulation	Teflon

Mfrs List No. Mfrs List No.
 SMA7071A2-3GT50G-50 = 111-1337 SMA5071A1-3GT50G-50 = 111-1340
 SMA7471B1-3GT50G-50 = 111-1338 SMA5072A2-3GT50G-50 = 111-1341
 SMA2071A1-3GT50G-50 = 111-1339

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

230282

Cable Group	Tool No.	Order Code	1+	10+	50+	100+
Adaptors						
Jack to Jack	—	111-1337●	7.29	6.95	6.58	5.90
Bulkhead Jack to Jack	—	111-1338●	10.54	10.04	9.52	8.66
Plug to Plug						
Plug to Jack	—	111-1339●	9.04	8.60	8.17	7.26
Plug to Right Angle Jack	—	111-1340●	5.43	5.18	4.89	4.38
Plug to Right Angle Jack	—	111-1341●	8.95	8.68	8.40	7.97

SMA Jack End Launchers 50Ω**JOHNSON®**

High performance board edge jack receptacles with gold plated brass bodies, PTFE insulators and beryllium copper contacts.

Impedance Frequency Range	50Ω 0 - 18GHz	Insulation Resistance Body	5000Mohm Brass - Gold plated
Contact Resistance	3mohm		
Mfrs List No.		Mfrs List No.	
142-0701-841	= 101-9324	142-0701-873	= 101-9327
142-0701-851	= 101-9325	142-0711-821	= 101-9328
			417496
Type	Contact Style	PCB Thickness (mm)	Price Each
SMA Jacks			
PCB	Tab	1.07	101-9324●
PCB	Tab	1.57	101-9325●
Bulkhead	Round	1.57	101-9327●
PCB	Round	1.57	101-9328●
PCB	Round	1.07	101-9329●

SMA Jack End Launchers 50Ω**multicomp**

Gold plated centre contact & body with Teflon insulation

Impedance Frequency Range	50Ω 0 - 18GHz	Insulation Resistance Body	5000Mohm Brass - Gold plated
Contact Resistance	3mohm		
Mfrs List No.		Mfrs List No.	
467958			
Type	PCB Thickness (mm)	Price Each	
SMA Jacks			
Bulkhead	1.73	134-2651●	2.36 2.01 1.87
PCB	1.73	134-2652●	2.06 1.78 1.63
PCB	1.22	134-2653●	2.06 1.78 1.63

SMA Reverse Polarity Connectors 50 Ω**Amphenol**

Plugs, Jacks and Adaptors



- SMA coaxial connectors with an impedance of 50Ω up to 18GHz
- RP Plugs have female contact
- RP Jacks have male contact
- MIL Standard 348 interface

Impedance	50ohm	Insulation Res. Body	5000Mohm Brass - Gold plated
Frequency Range	0 - 18GHz Semi Rigid Cable	Center Contacts	Beryllium Copper - Gold plated
	0 - 12.4GHz Flexible Cable	Insulation	TFE
VSWR on Semi Rigid	1.05 + .005f (GHZ)		
VSWR on RG174	1.20 + .025f (GHZ)		

SMA Series - Screw Coupling - continued

SMA Reverse Polarity Connectors 50 Ω - continued

Plugs, Jacks and Adaptors - continued

Mfrs List No.	Order Code	Mfrs List No.	Order Code
R SMA1111A1-3GT50G-1-50	132-7442	R SMA6411A2-NT50G-5-50	132-7448
R SMA1111A1-3GT50G-1A-50	132-7444	SMAM-RSMM-3GT50G-50	132-7453
R SMA1111A1-3GT50G-H155-50	132-7445	SMAF-RSMAF-3GT50G-50	132-7454
R SMA6411A1-3GT50G-1-50	132-7447		456895

Cable Type	ACE Tool No.	Order Code	Price Each			
			1+	10+	25+	50+
Straight Crimp Plug						
RG58	1	132-7442●	2.52	2.35	2.19	2.01
RG223	1	132-7444●	2.52	2.35	2.19	2.01
H155	1	132-7445●	2.53	2.36	2.20	2.02
Bulkhead Crimp Jacks						
RG58	1	132-7447●	2.95	2.74	2.56	2.36
RG174	1	132-7448●	3.12	2.92	2.72	2.50
Adaptors						
SMA Plug - R/P SMA Jack	132-7453●	9.40	8.75	8.18	7.51	
SMA Jack - R/P SMA Plug	132-7454●	9.40	8.75	8.18	7.51	

SMB Series - Snap on Coupling

SMB Plugs and Jacks 50Ω



A range of snap on general purpose subminiature connectors. They are smaller than the SMA range and are especially suitable for use within equipment where space is limited.

Centre Contact Plating	Gold	Dialectic Material	PTFE
Centre contact material Plugs	Beryllium Copper	Operating Temperature Max	165°C
Body Material	Brass	Body plating	
Centre contact material Jacks	Beryllium Copper		Gold

Plugs 50Ω



Mfrs. List No.	Order Code
1-1337475-0	121-2896
1-1478008-0	105-6382

Order Code	Price Each			
	1+	25+	100+	250+
Straight 121-2896●	3.27	3.04	2.91	2.75
Elbow 105-6382●	3.96	3.68	3.53	3.32

PCB Jacks 50Ω



Mfrs. List No.	Order Code
1-1337482-0	120-6013
1-1337481-0	121-2895

338963

Order Code	Price Each			
	1+	25+	100+	250+
Straight 120-6013●	1.55	1.42	1.32	1.24
Elbow 121-2895●	2.93	2.66	2.50	2.35

Jacks 50Ω



Mfrs. List No.	Order Code
1-1337464-0	120-6010
1-1337480-0	120-6012
1-1337476-0	105-6342
1-1337479-0	105-6343

338992

Order Code	Price Each				
	1+	10+	50+	100+	250+
Jacks					
Cable 120-6010●	4.31	4.01	3.83	3.62	3.51
Bulkhead cable 105-6342●	4.55	4.19	4.00	3.78	3.62
Bulkhead Solder Spill					
Rear mount 105-6343●	2.51	2.30	2.21	2.09	1.99
Front mount 120-6012●	2.24	2.09	1.99	1.88	1.83

SMB Series - 50Ω



- Subminiature coaxial connectors
- Snap-on coupling
- Low weight and reduced outline dimensions
- Plugs have female contacts
- Jacks have male contacts
- Captive contact

Applications : Mobile communication systems, civil and military telecommunications, aeronautics, video, IF systems

Impedance:	50ohm
Frequency range:	0-4GHz
Typical VSWR:	2/50 2.6/50
Working voltage in VRMS (at sea level):	Straight models: 1.30 + 0.04F(GHz) 1.25 + 0.04F(GHz) Right angle models: 1.45 + 0.06F(GHz) 1.35 + 0.04F(GHz)
Insertion loss:	250V 335V
RF leakage:	Straight models: 0.3dB max. at 1.5GHz Right angle models: 0.6dB max. at 1.5GHz
Insulation resistance:	-5dB min. from 2 to 3GHz
Durability:	1000Mohm min.
Operating temperature:	500 matings
Body:	-65°C to +165°C
Center contact:	Brass - Gold plated
Insulator:	Male : Brass - Gold plated
Gaskets:	Female : Beryllium copper - Gold plated
	PTFE
	Silicone rubber
Mfrs. List No.	Order Code
R114003000	419-4433
R114005000	419-4445
R114075000	419-4457
R114082000	419-4469
R114163000	419-4482
R114165000	419-4494
R114186000	419-4500
R114203000	859-0869
Mfrs. List No.	Order Code
R114205000	859-0877
R114239000	859-0893
R114303000	859-0907
R114305000	859-0915
R114413000	859-0931
R114426000	419-4512
R114530000	419-4524
Mfrs. List No.	Order Code
R114540000	419-4536
R114665000	419-4548
R114703000	859-0958
R114720000	419-4550
R114753000	419-4561
R114780000	419-4573

244804

Cable Group	Order Code	Price Each			
		1+	10+	25+	50+
Straight plug clamp type					
2/50S	419-4433●	3.33	3.24	3.15	3.07
2.6/50+75 S	419-4445●	2.91	2.71	2.60	2.49
Right angle plug clamp type					
2/50S	419-4482●	4.79	4.44	4.27	4.10
2.6/50+75 S	419-4494●	5.47	4.92	4.21	3.79
Straight plug full crimp type					
2.6/50+75 S	419-4469●	2.24	2.14	1.87	1.77
Straight plug crimp type					
2.6/50+75 S	419-4457●	3.42	3.28	2.95	2.74
Right angle plug crimp type					
2.6/50+75 S	419-4500●	3.66	3.49	3.14	2.90
Straight jack clamp type					
2/50S	859-0869●	5.19	4.80	4.40	4.04
2.6/50+75 S	859-0877●	4.41	4.07	3.75	3.45
Straight bulkhead jack clamp type					
2/50S	859-0907●	6.27	5.77	5.30	4.89
2.6/50+75 S	859-0915●	5.29	4.87	4.48	4.13
Straight jack crimp type					
2.6/50+75 S	859-0893●	5.17	4.76	4.36	4.02
Straight bulkhead jack receptacle					
front mounting	419-4524●	2.75	2.63	2.35	2.16
rear mounting	419-4536●	3.21	2.91	2.48	2.21
Adjustable square flange jack receptacle					
	859-0931●	6.34	6.03	5.70	5.43
Straight PCB jack receptacle					
	419-4512●	1.83	1.68	1.62	1.56
Right angle PCB jack receptacle					
	419-4548●	3.09	2.95	2.66	2.46
Male/male adapter					
	859-0958●	3.52	3.35	3.16	3.01
Female/Female adapter					
	859-0966●	10.83	9.95	9.15	8.41
Bulkhead male-male adapter					
	419-4550●	4.19	3.82	3.42	3.07
Hermetically sealed male-male adapter					
	419-4561●	43.40	39.10	33.19	29.94
Female/male-male tee adapter					
	419-4573●	7.89	7.54	7.13	6.64



Plugs and Jacks

Connectors – RF Coaxial

Sealed SMB Series - continued

SMB Antenna

IP68 sealed

**BULGIN**

New

The Buccaneer SMB Antenna is a robust and completely waterproof medium gain antenna specifically developed for the 2.4GHz, 440-470MHz and 850-900/1800/1900MHz frequency bands. Integrating the antenna with a waterproof connector can reduce the total number of connectors in the RF chain, reducing insertion losses, effectively increasing the total system gain.

Features:-

- Dust and Waterproof to IP68 when mated
- Mates with SMB Buccaneer, p/ns 119-3778, 119-3779 & 119-3780
- Secure screw thread locking
- Built-in sealed antenna

Specifications:-

Sealing	IP68, EN60529, when mated	Configuration	Quarter Wavelength
Operating Temperature	-20 to +65°C	Radiation	Omnidirectional
Flammability	UL94V-0	Polarization	Vertical
Body Mouldings	PVC	Impedance	50Ω nominal
UV Resistance	EN50021:1999	VSWR	<2
Frequency	PX0407 - 2.4 to 2.5GHz PX0408 - 440 to 470MHz PX0409 - 850-900/1800/1900MHz	RoHS	Compliant

528339

Description	Mfrs. List No.	Order Code	Price Each		
			1+	25+	50+
2.4GHz, SMB Antenna	PX0407	142-7476●	7.83	6.97	5.79
			1+	10+	25+
440 to 470MHz, SMB Antenna	PX0408	168-7562●	8.90	8.00	7.01
850-900/1800/1900MHz, SMB Antenna	PX0409	168-7563●	10.60	9.53	8.47

SMB 'Buccaneer' Accessories

BULGIN

- Sealing caps
384-1285 for use with cable connector
384-1261 for use with panel connector
- Crimp Tool + Die Set for SMB cable connector termination

381395/406786

17

Mfrs. List No.	Order Code	1+	25+	50+	100+
Sealing Caps					
PX0480	384-1285●	0.78	0.72	0.69	0.64
PX0481	384-1261●	0.78	0.72	0.69	0.64
		1+	3+	5+	
Crimp Tool	887-146	34.99	32.54	31.15	
Die Set	386-3281	19.40	18.43	16.57	

SMC Series - Screw Coupling

SMC series - 50Ω

RADIALL

- Subminiature coaxial connectors
- Screw-on coupling
- Low weight and reduced outline dimensions
- In accordance with standard **CECC 22140**

Applications : Civil & military radio-telecommunication equipment, aeronautics equipment, portable radio-telecommunication

Impedance:	50ohm
Frequency range:	0-10.0GHz
Typical VSWR:	Straight models: 1.20 + 0.04F(GHz) Right angle models: 1.30 + 0.04F(GHz)
Working voltage in VRMS (at sea level):	335V
Insertion loss:	Straight models: 0.25dB max. at 4GHz Right angle models: 0.50dB max. at 4GHz -60dB min. from 2 to 3GHz
RF leakage:	-60dB min. from 2 to 3GHz
Insulation resistance:	1000Mohm
Durability:	500 matings
Operating temperature:	-65°C to +165°C

Farnell

Body: Brass - Gold plated
Center contact: Male : Brass - Gold plated
Female : Beryllium treated brass - Gold plated
Insulator: PTFE
Gaskets: Silicone rubber

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R112005000	419-4299	R112426000	419-4329
R112075000	419-4305	R112553000	859-0842
R112165000	419-4317	R112665000	419-4330

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

244737

Cable Group	Order Code	1+	10+	25+	50+
Straight plug clamp type 2.6/50+75 S	419-4299●	3.33	3.13	3.01	2.89
Right angle plug clamp type 2.6/50+75 S	419-4317●	10.42	9.20	8.39	7.58
Straight plug crimp type 2.6/50+75 S	419-4305●	5.37	4.93	4.54	4.17
Bulkhead jack receptacle, front mounting	859-0842●	4.89	4.51	4.19	3.86
Straight male PCB receptacle	419-4329●	3.17	2.91	2.71	2.49
Right angle male PCB receptacle	419-4330●	4.62	4.26	3.93	3.61

SMC Plugs and Jacks

multicomp

50Ω



- Threaded coupling
- Ideal in applications where vibration and shock are design considerations

Impedance	50Ω	Contact Res - Outer	1.0mΩ
Frequency Range	0 to 10.0GHz	Ins Resistance	1000mΩ min
Contact Res - Centre	6.0mΩ	Temp Range	-65°C to +165°C to +

239856/406787

Desc.	Order Code	1+	10+	50+	100+
Clamp Plugs - RG174					
Straight	116-9653●	3.68	3.16	2.76	2.53
Right Angle	116-9654●	4.20	3.59	3.16	2.88
PCB Mount Jacks					
Straight	116-9655●	1.46	1.39	1.24	1.18
Right Angle	116-9656●	2.94	2.68	2.37	2.18
Bulkhead Jacks					
Straight	116-9657●	2.67	2.29	2.01	1.83

Coaxial Terminators

Amphenol

Coaxial Terminators



- Fits standard MCX, SMA, SMB and SMC mounting hole spacing
- Connect directly to PCB or where signal needs to be continued within the equipment while the braid is terminated to the panel.

Body Gold plated

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

230377

Mfrs. List No.	Cable Group	Tool No.	Order Code	1+	10+	50+	100+
Straight PCB 4 Hole TMN0111B2-3G-05	5	1 or 2	111-1391●	1.90	1.85	1.82	1.77
Straight PCB 2 Hole TMN0111T1-3G-14	14	1 or 2	111-1392●	0.72	0.69	0.65	0.58
Right Angle PCB 4 Hole TMN0112U1-3G-05	5	1 or 2	111-1393●	2.05	1.98	1.93	1.80

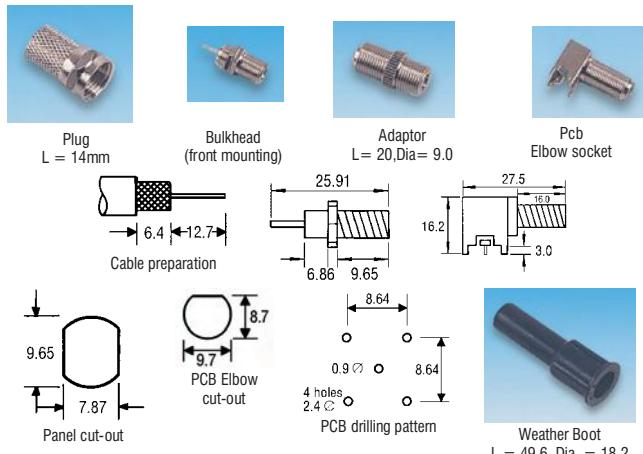
Satellite Connectors - F Series

Plugs, sockets and adaptors for satellite T.V. cable installation and other high frequency, small signal applications.

Impedance	75Ω	Housing	Brass body , bright Nickel finish
Working voltage	250V rms	Insulator	Polypropylene
Operating frequency	0 - 1GHz	Contacts	Phosphor Bronze

209641

Plug Sockets and Adaptor 75Ω



Quick and simple connection for satellite TV cable RG6/CT100.

219824

Order Multiple=3

	Order Code	3+	24+	48+	96+	300+	600+	Price Each
Plug	116-9535●	0.410	0.400	0.380	0.300	0.290	0.270	
Bulkhead Socket (front)	116-9537●	0.570	0.550	0.490	0.480	0.460	0.430	
PCB elbow Socket	116-9538●	1.330	1.290	1.140	1.020	0.910	0.820	
Adaptor	116-9536●	0.530	0.480	0.460	0.440	0.340	0.320	
Weather Boot	966-2316●	0.165	0.155	0.133	0.121	0.111	0.095	

F Series Coaxial Connectors



- F Coaxial connectors with an impedance of 75Ω

Body Brass Nickel plated
Contacts Plug:Brass Gold plated
Socket:Phosphor Bronze Gold plated
Insulator Teflon / Delrin

230376

Mfrs. List No.	Cable Group	Tool No.	Order Code	1+	10+	50+	100+	Price Each
Bulkhead Crimp Jacks F6411A2-NT3G-3-75	3	4	111-1373●	2.01	1.90	1.79	1.56	
PCB Jacks F6252A1-NPPT			111-1377●	0.93	0.87	0.82	0.71	

F Type 75Ω



Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
5-1814821-1	124-8974●	5-1814822-5	124-8979	5-1814825-1	124-8985
5-1814821-3	124-8975	5-1814822-7	124-8980	5-1634552-1	124-8986
5-1814821-7	124-8976	5-1814826-1	124-8981	5-1634540-1	124-8987
5-1814822-1	124-8977	5-1814826-3	124-8982	5-1634537-1	124-8988
5-1814822-3	124-8978	5-1814823-1	124-8983		

451180

Cable Type	Order Code	1+	10+	50+	100+	Price Each
Crimp Plug RG59B/U	124-8974●	0.43	0.40	0.36	0.34	
RG6/U	124-8975●	0.43	0.40	0.36	0.34	
CT125	124-8976●	0.43	0.40	0.36	0.34	
Twist-On Plug RG59B/U	124-8977●	0.34	0.32	0.29	0.27	
RG6/U	124-8978●	0.33	0.31	0.28	0.26	
CT100	124-8979●	0.36	0.33	0.30	0.28	
CT125	124-8980●	0.36	0.33	0.30	0.28	
Bulkhead Jack RG6/U	124-8982●	1.25	1.16	1.05	1.00	
Bulkhead Socket 75R	124-8983●	0.43	0.40	0.36	0.34	



Cable Type	Order Code	Price Each			
		1+	10+	50+	100+
PCB Socket					
Straight	124-8973●	1.58	1.47	1.41	1.33
90° 28mm	124-8986●	0.75	0.70	0.63	0.58
90° 32.2mm	124-8987●	0.73	0.68	0.61	0.56
Adaptor - Plug - Jack					
90°	124-8988●	1.59	1.48	1.42	1.34

"F" type waterproof connectors
With matching crimp Tool

SealTite® Pro CATV "F" waterproof connectors

Designed for home or business networking and video distribution: satellite, CATV and UHF.

- Quick and easy to assemble
- Good quality crimp connections assured
- Can be used outdoors as well as indoors

SealTite® Pro crimp tool

Crimps weatherproof and waterproof linear CATV "F", BNC, RCA and right-angle compression-type connectors from multiple manufacturers.

Compression connectors compatible with SealTite® Pro

Manufacturer	Connector Model/Series	LRC (Augat/T&B)	Snaps-n-Seal™
Paladin Tools	SealTite® Pro	Calrad	PCT-DRS
ICM Corp.	Digicon DS, F-conn FS & RG	Stirling	SPL
Gem	SNS	PPC	EX
Gilbert		UltraSeal™	

346963/406788

Mfrs. List No.	Order Code	1+	10+	50+	Price Per Pack (20)
"F" Type Waterproof connectors					
RG59 Cable	9610	748-7622●	14.48	12.86	10.50
RG6 Cable	9611	748-7630●	14.48	12.86	10.50
Crimp Tool					
SealTite Pro	1555	748-7614	58.78		

RF Compression Crimp Tool



488319

RF Compression Crimp Tool	Order Code 134-6966	Price Each 17.00

17

F PCB launcher Jack



Description	Mfrs. List No.	Order Code
F Type Edge Mount Jack (RG59)	861V509E	142-6013
F Type Edge Mount Jack with TFE Insul for reflow (RG59)	861V509ER	142-6014
F Type Edge Mount Jack with TFE Insul for reflow (RG6 RG59)	861V509ER6	142-6015

479318

Impedance	Order Code	1+	10+	50+	100+	Price Each
50Ω	142-6013●	2.30	2.02	1.79	1.61	
Non constant	142-6014●	2.97	2.60	2.30	2.08	
75Ω	142-6015●	3.43	2.99	2.67	2.39	

Television Style Connectors

Industrial Quality 75Ω Plug



● Screened plug	
● L = 25.3mm, Dia. = 12mm	
● Body material - Brass	
● Body finish - Nickel	
● Contact material - Brass	
● Contact finish - Gold	

219825

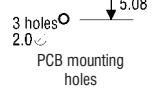
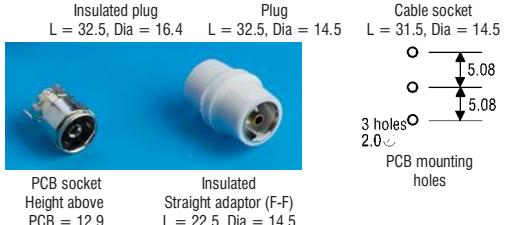
Nickel Plated	Order Code 167-5553●	1+	10+	50+	100+	250+	Price Each
		2.79	2.57	2.23	2.01	1.90	

Television Style Connectors - continued

Best Value 75Ω



Cable entry = 8.0 max



A low cost range of coaxial connectors and adaptors. Plugs available in aluminium or insulated plastic with screw on body shells. PCB socket in tinned steel.

219826

	Order Multiple=3	Order Code	3+	48+	96+	300+	600+	900+	Price Each
Plug									
Aluminium	117-4921●	0.49	0.45	0.41	0.37	0.35	0.31		
Sockets									
Cable	117-4922●	0.70	0.61	0.55	0.51	0.50	0.46		
PCB	117-4923●	0.40	0.36	0.33	0.29	0.27	0.24		
Insulated adaptor									
Straight (F-F)	117-4924●	0.67	0.62	0.57	0.52	0.51	0.46		

Right Angled Screened



- Snap together body
- Cable size up to 8.25mm

H = 32mm W = 19mm D = 21mm

209578

	Order Code	1+	10+	50+	100+	500+	1K+	Price Each
Plug	113-7747●	1.03	0.96	0.89	0.84	0.77	0.70	
Socket	113-7749●	1.03	0.96	0.89	0.84	0.77	0.70	

17

Twinaxial 70 Series

Solder and Feed Through Jacks



Bulkhead Jack (Solder)

Front mount (insulated)	BJ72	120-6757
Rear mount (insulated)	BJ75	120-6761
Front mount	BJ77	120-6763

Feed Through

Insulated	BJ73	120-6759
Non-insulated	BJ78	120-6764

227370

	Order Code	1+	10+	25+	100+	250+	500+	Price Each
	120-6757●	23.36	20.61	18.32	16.37	14.85	13.75	
	120-6761●	25.24	22.72	20.13	18.29	16.62	15.09	
	120-6763●	15.95	12.26	10.78	9.03	8.15	7.04	
	120-6759●	24.16	19.55	16.80	14.72	13.28	12.16	
	120-6764●	18.32	--	--	--	--	--	

Twinaxial and Triaxial - 70 and 150 Series



Twinaxial and triaxial connectors are concentric designed with 2 concentric contacts which are isolated from each other, the middle contact and the shielded terminal. They are used in digital data buses, MIL-STD-1553B base band circuits and video pair applications. The connectors do not need mechanical alignment.

Mfrs. Part Number	Order Code	Voltage 400V	Insulation resistance 5000 MΩ	Operating Temperature -65°C to 165°C	Mfrs. Part Number	Order Code
PL155-29	142-7914	PL74-47	142-7920	PL155-47	142-7927	142-7928
PL75-47	142-7915	AD78	142-7922	PL80-7	142-7929	142-7929
BJ27	142-7916	PL74-9	142-7923	PL375-7	142-7930	142-7930
BJ770	142-7917	BJ28	142-7924	PL75-45	BJ158	142-7931
BJ21	142-7918	BJ88	142-7925		142-7926	
PL74-7	142-7919	BJ74-47				

491058

Description	Order Code	1+	10+	25+	100+	250+	Price per Pack
70 series - cable connector							
Push On Wire Crimp	142-7915●	12.70	11.82	11.05	10.59	10.04	
2 Tag, Crimp	142-7919●	12.70	11.82	11.05	10.59	10.04	
2 Tag, Crimp	142-7920●	12.56	11.68	10.92	10.46	9.91	
2 Tag, Crimp, Twinax	142-7923●	10.17	9.48	8.85	8.48	8.04	
2 Tag, Crimp	142-7928●	38.43	35.77	33.42	32.04	30.37	
Crimp with Thread	142-7929●	12.41	11.55	10.80	10.34	9.80	
2 Tag, Crimp	142-7930●	11.47	10.69	9.98	9.57	9.07	
70 series- Bulkheads							
Isolated, Panel Soldering	142-7916●	8.86	8.23	7.69	7.38	6.98	
3 Tag, Panel, Soldering	142-7917●	11.72	10.90	10.19	9.77	9.25	
Isolated, Rear Panel Mount, Soldering	142-7918●	9.49	8.82	8.24	7.92	7.49	
TRC, Through hole	142-7925●	40.02	37.23	34.80	33.35	31.62	
Isolated, Rear Panel Mount, Crimp	142-7926●	16.23	15.10	14.12	13.54	12.82	
3 Tag Isolated, Through hole	142-7931●	19.13	17.80	16.64	15.94	15.11	
150 series							
3 Tag Crimp, Twinax	142-7914●	12.62	11.74	10.97	10.51	9.96	
3 Tag Crimp, Twinax	142-7927●	12.68	11.80	11.01	10.55	10.01	
Isolated, Through hole	142-7924●	9.39	8.74	8.17	7.83	7.42	
TRB Adapter	142-7922●	12.59	11.72	10.95	10.49	9.94	

227371

Standard Cable Plugs



120-6756

- Nickel body
- Gold plated centre contact

Voltage rating (max) 400V rms (sea level)

Insulation resistance 5000MΩ

Frequency range 0 – 500MHz

Cable (Belden) Mfrs. List No. Order Code

Plug 9272 PL75-9 120-6756

227371

Order Code	1+	10+	25+	100+	250+	500+	Price Each
120-6756●	19.20	15.31	12.87	10.73	9.70	8.42	

Triaxial

Cable Plugs



Cable (Belden)

9222

Order Code

120-6755

227376

Order Code	1+	10+	25+	100+	250+	500+	Price Each
120-6755●	16.56	13.19	11.09	9.24	8.38	7.26	

Type 43 Series

43 Series RF Connectors

BT 43 and HDC Plugs and Sockets



Engineered for life

A range of Type 43 BT approved connectors available with crimp termination

239999

HDC 43 DDF Plugs

Crimp Termination



Engineered for life



239989



Cable Type	Mfrs. List No.	Order Code	1+	Price Each	10+	50+
Crimp Termination RG179	PLUG HDC43/4GTIS	121-5648●	1.69	1.50	1.43	

BT 43 Sockets - Straight
QT and Crimp Termination



ITT
Engineered for life

Cable Type	Mfrs. List No.	Order Code	1+	Price Each	10+	50+	100+
QT Termination BT3002	SKT 43/5FQT	121-5328●	2.71	2.36	2.23	2.13	
Crimp Termination BT2002	SKT 43/2FS	121-3059●	3.23	2.88	2.47	2.29	
BT2003	SKT 43/3FS	121-5329●	3.23	2.88	2.47	2.29	
BT3002	SKT 43/5FS	121-3060●	3.23	2.88	2.47	2.29	
RG179	SKT 43/4FS	121-3061●	3.23	2.88	2.47	2.29	

HDC 43 Sockets - Straight
Crimp Termination



ITT
Engineered for life

Cable Type	Mfrs. List No.	Order Code	1+	Price Each	10+	50+	100+
Crimp Termination RG179	SKT HDC43/4FS	121-5649●	3.46	3.03	2.91	2.66	

BT 43 Sockets - RA
Solder Crimp



239991

ITT
Engineered for life

Cable Type	Mfrs. List No.	Order Code	1+	Price Each	10+	50+	100+
Solder Termination BT2002	SKT 43/2C	121-5650●	3.71	3.43	3.23	3.14	
RG179	SKT 43/4C	121-5651●	3.71	3.43	3.23	3.14	

BT43 PCB Plugs



239996

ITT
Engineered for life

Mfrs. List No.	Order Code	1+	Price each	10+	50+	100+
Straight P43/1D	121-5652●	1.46	1.32	1.24	1.05	

Over 480,000 products online

QGO

1.6/5.6 Coaxial Connectors

Amphenol

1.6 / 5.6 Coaxial Connectors



Impedance	75Ω
Frequency Range	0-1GHz
VSWR	1.3 max
Withstand Voltage	1000 VRMS
Insulation Resistance	1000MΩ
Body	Brass: plated
Contacts	Plug: Brass Gold plated Socket: Phosphor Bronze Gold plated
Insulator	PTFE

FOR CABLE GROUP REFERENCE TABLE SEE BEGINNING OF SECTION

230378

Mfrs. List No.	Cable Group	Tool No.	Order Code	1+	Price Each	10+	50+	100+
Crimp Plugs								
156 929 34	16	Pliers6A	111-1394●	3.96	3.78	3.65	3.62	
Right Angle Crimp Plugs								
156 657 05	3	1	365-1745	1.43	--	--	--	
156 657 06	6	4	365-1757	2.99	--	--	--	
Crimp Bulkhead Jacks								
156 931 05	3	1	111-1396●	3.27	3.21	3.13	3.10	
156 931 34	16	Pliers6A	111-1397●	3.50	3.43	3.35	3.32	

UHF Series

A range of connectors, suitable for use up to 500MHz, with applications in TV, video and security monitoring. Non constant 50/75Ω impedance.

209633

UHF Sockets

Tyco Electronics



Low initial cost and low applied cost, coupled with terminations and performance capabilities up to 500 MHz. at peak voltages to 335 volts, accomodating RG58, 59 and other coax cable.

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
5-1814814-1	124-8966	5-1814816-1	124-8969
5-1814815-1	124-8967		

451165

	Order Code	1+	Price Each	10+	50+	100+
Bulkhead Front Mount	124-8966●	0.98	0.91	0.87	0.82	
Panel Mount	124-8969●	1.62	1.51	1.44	1.36	

17

UHF Series

Tyco Electronics



Frequency Range	0-0.5GHz	Insulation Resistance	5000MΩ
Working Voltage	500V RMS	Temperature Range	-65°C to 165°C
Contact Resistance	3mΩ Centre 2mΩ Outer	Mating Cycles	500

Mfrs. List No. 1-1337473-0=105-6288 1-1478234-0=105-6289 1-1337652-0=105-6290

231107

Cable Type	Order Code	1+	Price Each	10+	50+	100+
Straight Solder Plug RG58	105-6288●	5.86	5.45	5.21	4.92	
Straight Jack Solder RG58	105-6290●	5.59	5.15	4.92	4.64	

£ € 40,000 PRICES REDUCED

Farnell

Connectors – RF Coaxial

UHF Series - continued

Plugs 50Ω


multicomp

- Working voltage : 500V rms
- Insulation resistance : 500MΩ min.
- Teflon insulation
- Frequency range : 0-300MHz
- 5/8" - 24 Threaded Coupling

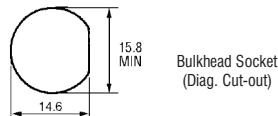
Cable Plug	Crimp Plug						
UHF Series	L	∅	Contact	Body	Pin	Insulation	Order Code
Crimp plug RG58, RG58A, 141A	26.5	5	Nickel	Nickel	Solder	Delrin	116-9715 209635

Plug	Order Code	1+	10+	50+	150+	250+	500+	Price Each
Reduced cable entry	116-9712●	2.40	2.28	2.15	1.98	1.77	1.59	
Large cable entry	116-9714●	2.97	2.81	2.52	2.33	2.21	1.98	
Crimp plug	116-9715●	1.73	1.66	1.55	1.41	1.27	1.07	
Crimp plug	116-9716●	0.64	0.62	0.58	0.51	0.47	0.39	

Sockets and Adaptor


multicomp

- Frequency range : 0-300MHz
- Insulation resistance : 500MΩ min.
- Teflon insulation
- Working voltage : 500V rms
- 5/8" - 24 Threaded Coupling



UHF Series	Suitable Cable	L	Cable	Contact	Body	Insulation	Order Code
Bulkhead Socket	RG/U	—	—	Nickel	Nickel	Delrin	116-9707
Large Cable Jack	RG8A, RG213	25.3	—	Nickel	Nickel	Teflon	116-9708
Reduced Cable Jack	RG58, RG58A, RG141A	42.7	11.3	Gold	Nickel	Teflon	116-9710
Jack - Jack adaptor	—	37.1	5	Gold	Nickel	Teflon	116-9711

209638

Socket	Order Code	1+	10+	50+	150+	250+	500+	Price Each
Bulkhead	116-9707●	0.87	0.82	0.75	0.72	0.67	0.61	
Jack	116-9708●	4.79	4.33	4.09	3.98	3.58	3.03	
Large cable	116-9710●	2.37	2.33	2.21	1.98	1.77	1.52	
Reduced cable	116-9711●	1.62	1.48	1.31	1.19	1.07	0.90	

Miniature UHF Series

Plug and Socket 50Ω


multicomp

A miniature version of the UHF series, for use in similar applications including vehicle and mobile communications, where space is restricted.

L = 20.3, Dia = 12.0	L = 25.6, Dia = 13.5	Housing	Brass, bright Nickel plated
Operating frequency	0 - 2.5GHz	Insulator	Delrin
Voltage rating	335V rms	Contacts	Gold plated, Brass

224266

Order Code	1+	5+	10+	50+	150+	250+	Price Each
Crimp plug	116-9548●	1.71	1.67	1.62	1.58	1.50	0.74
Panel socket	116-9549●	0.79	0.77	0.74	0.68	0.47	0.38

Inter Series Adaptors

MAXI Universal Adaptor Kit

Pomona Electronics
Test & Measurement Accessories


Kit contains two each: BNC (m), BNC (f), TNC (m), TNC (f), SMA (m), SMA (f), N (m), N (f), UHF (m), UHF (f), Mini UHF (m), Mini UHF (f), F (m), F (f), RCA (m), RCA (f), six intermediate couplers, one double Banana Plug, one double Banana Jack, one sampler, and case.

386439

Mfrs. List No.	Order Code	1+	5+	Price Each
5748	139-9317	203.04	196.95	+

Universal Coaxial Adaptor Kit

Pomona Electronics
Test & Measurement Accessories


Kit contains two each: BNC (m), BNC (f), TNC (m), TNC (f), SMA (m), SMA (f), N (m), N (f), four intermediate couplers, one double Banana Plug, one double Banana Jack, and case.

386438

Mfrs. List No.	Order Code	1+	5+	Price Each
5698	139-5683	100.63	97.61	+

RF Adaptor Kit

multicomp

6 Series



- 30 piece Kit
- Adaptors for **BNC, UHF, Mini UHF, N, TNC, and SMA series**
- Nickel plated conductor bodies with gold plated centre contacts
- Each series contains 2 male and 2 female interfaces plus 6 standard screw couplers
- Allows male to male, female to female and female to male adaptors for any series
- Zippered soft leather case

244427/406790

Order Code	1+	5+
116-9659●	84.78	77.91

RF Adaptor Kit

multicomp

Plug & Jack



- 30 piece Kit
- Male and female variants
- 1 x Plug & 1 x Jack **BNC, UHF, Mini UHF, N, TNC, SMA, FME, SMB, MCX, MMCX, SMC series**
- 6 universal adaptors
- Soft zippered leather case

468353

Order Code	Price Each			
	1+	5+	100+	500+
134-2661●	119.73	102.62		

Inter Series Adapters

Tyco Electronics



Body: Brass - Nickel plated
Centre Contacts: Brass - Gold plated
Insulation: Teflon

Mfrs. List No. 1-1337571-0=120-5980
1-1337567-0=120-5981

231108

Cable Type	Order Code	Price Each			
		1+	10+	50+	100+
Nickel Plated					
BNC Plug-UHF Jack	120-5980●	4.36	4.10	3.94	3.58
N Plug-BNC Jack	120-5981●	5.50	5.15	4.75	4.37

Inter Series Adapters

RADIALL R



- Between-series adapters are used to make efficient low loss transition between different series of coaxial connectors.
- They are widely used in laboratory test applications and in system equipment applications where different connector types must be mated.
- All adapters are designed to offer the lowest VSWR attainable across the frequency range of the connector involved.

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R191117000	859-1776	R191331000	419-5991	R191424000	419-6077
R191120000	859-1784	R191332000	419-6004	R191447000	419-6089
R191123000	859-1792	R191334000	419-6016	R191453000	419-6090
R191209000	419-5917	R191381000	419-6028	R191455000	419-6107
R191212000	419-5929	R191403000	859-1814	R191511000	419-6119
R191213000	859-1806	R191405000	419-6030	R191513000	419-6120
R191215000	419-5930	R191413000	859-1822	R191720000	419-6144
R191303000	419-5942	R191417000	859-1849	R191722000	419-6156
R191305000	419-5954	R191419000	419-6041	R191733000	859-1865
R191325000	419-5966	R191421000	419-6053	R192418000	419-6168
R191327000	419-5978	R191422000	419-6065	R192421000	419-6181
R191329000	419-5980				

244967

Description	Order Order	Price Each			
		1+	10+	25+	50+
50Ω					
BNC jack to SMA plug	419-5942●	12.75	11.72	10.78	9.91
BNC jack to SMB jack - Square flange	419-5929●	10.49	9.63	8.88	8.15
BNC jack to SMB jack	419-5930●	8.43	7.76	7.16	6.59
BNC jack to TNC plug	419-6030●	17.46	16.07	14.79	13.61
BNC jack to UHF plug	419-6089●	13.25	12.22	11.22	10.32
BNC jack to 2 banana 4mm	419-6107●	15.63	14.39	13.25	12.16
BNC plug to SMA jack	419-5954●	15.79	14.50	13.32	12.28
BNC plug to SMB jack	419-5917●	7.02	6.49	5.95	5.47
BNC plug to 2 socket contacts 4mm	419-6090●	10.60	9.75	8.95	8.26
N jack to BNC plug	419-6041●	10.97	10.67	10.39	10.12
N jack to BNC jack - Square flange	419-6077●	11.50	10.84	10.36	9.91
N jack to BNC jack					
Panel sealed, bulkhead feedthrough	419-6065●	12.81	11.80	10.83	9.96
N jack to SMA plug	419-5978●	19.40	17.85	16.39	15.11
N jack to SMA jack	419-5991●	13.40	12.33	11.36	10.44
N jack to SMA jack - Panel and inner sealed, bulkhead feedthrough	419-6004●	16.52	15.19	13.99	12.87
N jack to SMA jack - Panel and inner sealed, bulkhead feedthrough	419-6016●	22.06	20.28	18.66	17.16
N jack to SMA jack - Square flange	419-6028●	19.56	18.01	16.55	15.24
N jack to TNC plug	419-6119●	10.22	9.40	8.65	7.95
N jack to 7/16 plug	419-6156●	33.22	30.54	28.11	25.86
N plug to BNC jack	419-6053●	7.00	6.45	5.92	5.45
N plug to SMA jack	419-5980●	20.44	18.81	17.30	15.92
N plug to SMA plug	419-5966●	19.80	18.22	16.76	15.40
N plug to 7/16 jack	419-6144●	34.41	31.65	29.13	26.78
N plug to TNC jack	419-6120●	23.88	21.95	20.18	18.57
75Ω					
N jack to BNC jack	419-6168●	44.76	41.19	37.90	34.88
N plug to BNC jack	419-6181●	38.56	35.46	32.65	30.03

BNC 50Ω to F, N, Phono and TNC

multicomp



BNC plug to N jack BNC plug to phono jack BNC jack to TNC plug

L = 33.3, Dia. = 15.4 L = 27.7, Dia. = 14.5 L = 31.8, Dia. = 14.5

Nickel plated brass housing, with gold or nickel plated contacts.

209549

Order Code	Price Each				
	1+	25+	100+	250+	500+
BNC Plug					
F Jack (75Ω)	116-9539●	1.95	1.86	1.71	1.62
N Jack	116-9551●	6.66	6.19	5.95	5.74
Phono Jack	116-9544●	3.81	3.08	2.53	2.19
TNC Jack	116-9545●	5.37	5.01	4.79	4.66
BNC Jack					
TNC Plug	116-9546●	4.96	4.85	4.52	4.05
N Plug	116-9571●	6.26	5.80	5.40	5.15
UHF Plug	116-9572●	3.18	2.97	2.74	2.63

Phono Jack to BNC Male Adaptor

Pomona Electronics
Test & Measurement Accessories

- Permits phono plug to be used with equipment having BNC females
- All metal construction to insure proper shielding
- Nominal impedance 50Ω
- Gold plated centre contact

311580

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
4054	443-5527	16.78	12.92	11.78

BNC Female to Phono Plug

Pomona Electronics
Test & Measurement Accessories

- BNC to phono plug adaptor
- Rated at 500V RMS
- BNC centre contact nickel plated

311608

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
5319	443-5758	6.17	4.75	4.33

N 50Ω to F, SMA and TNC

multicomp



L = 28.2, Dia. = 15.5 L = 32.5, Dia. = 20 L = 34, Dia. = 20

Nickel plated brass housings, with gold or nickel plated contacts.

209550

Order Code	Price Each				
	1+	25+	100+	250+	500+
N Plug					
F Jack (75Ω)	116-9541●	5.21	4.60	3.61	3.25
SMA Jack	116-9552●	7.60	7.08	6.79	6.58
TNC Jack	116-9553●	7.06	6.62	6.31	6.13
SMA Plug	116-9562●	7.73	7.15	6.63	6.37
N Jack					
F Plug (75Ω)	116-9540●	5.21	4.60	3.61	3.25
SMA Plug	966-2308●	5.73	5.36	5.12	4.86
SMA Jack	116-9563●	6.96	6.45	6.02	5.74



- Nickel plated bodies and gold plated contacts
- Teflon insulators

227377

Order Code	Price Each				
	1+	5+	10+	50+	100+
SMA Plug to:					
BNC Jack	116-9564●	4.65	4.35	4.09	3.93
TNC Plug	116-9566●	5.35	5.01	4.70	4.53
TNC Jack	116-9568●	3.99	3.76	3.51	3.39
SMA Jack to:					
BNC Jack	116-9565●	4.65	4.35	4.09	3.93
TNC Plug	116-9569●	5.35	5.01	4.70	4.53
TNC Jack	116-9570●	2.58	2.42	2.26	2.17

Inter Series Adaptors - continued

Mini UHF 50Ω to BNC and TNC

Mini UHF
plug to TNCjackMini UHF
jack to BNC plug

L = 30, Dia. = 11.5

L = 31, Dia. = 14.5

Nickel plated brass housing, with gold or nickel plated contacts.

209553

	Order Code	Price Each				
		1+	25+	100+	250+	500+
Mini UHF Plug TNC Jack	211-722	0.28	—	—	—	—
Mini UHF Jack BNC Plug	211-734	1.78	1.63	1.46	1.20	1.03

Coaxial Attenuators / Terminators

Coaxial Attenuators



- A coaxial attenuator is a linear passive bidirectional transmission line component designed to be inserted between two coaxial lines in order to reduce the input power in a matched system by a predetermined ratio without otherwise disturbing the behaviour of the equipment.
- The power absorbed by an attenuator is returned to the environment through heat transfer by free air convection or by conduction cooled.
- The ratio of input to output power is expressed in logarithmic terms.
- Designed in accordance with MIL A 3933, MIL E 5400, MIL STD 202 et NFC 96315

Input power/Output power	Attenuation
2	3dB
4	6dB
10	10dB
100	100dB

244999

Mfrs. List No.	Attenuation	Frequency Range	Order Code	1+	10+	25+	50+
SMA							
R411803121	3dB	18GHz	419-6650●	42.70	39.73	38.02	36.36
R411803124	3dB	3GHz	419-6661●	26.24	24.38	23.34	22.33
R411806121	6dB	18GHz	419-6685●	42.70	39.73	38.02	36.36
R411806124	6dB	3GHz	419-6697●	26.24	24.38	23.34	22.33
R411810121	10dB	18GHz	419-6703●	42.70	39.73	38.02	36.36
R411810124	10dB	3GHz	419-6715●	26.24	24.38	23.34	22.33
R411820121	20dB	18GHz	419-6727●	42.70	39.73	38.02	36.36
R411820124	20dB	3GHz	419-6739●	23.01	21.40	20.47	19.59
R413803000	3dB	18GHz	419-6867●	56.23	51.72	47.58	43.78
R413806000	6dB	18GHz	419-6879●	54.30	49.95	45.96	42.28
R413810000	10dB	18GHz	419-6880●	54.30	49.95	45.96	42.28
R413820000	20dB	18GHz	419-6892●	54.30	49.95	45.96	42.28
BNC							
R412403124	3dB	3GHz	419-6752●	31.73	29.19	26.88	24.72
R412406124	6dB	3GHz	419-6764●	29.47	27.12	24.96	22.96
R412410000	10dB	2GHz	419-6776●	49.06	45.14	41.52	38.18
R412410124	10dB	3GHz	419-6788●	31.73	29.19	26.88	24.72
R412420000	20dB	2GHz	419-6790●	48.08	44.23	40.68	37.41
R412420124	20dB	3GHz	419-6806●	45.80	42.15	38.78	35.68
R414200000	20dB	8GHz	419-6910●	68.53	63.05	57.98	53.38
N							
R412703124	3dB	3Hz	419-6818	31.64	29.12	26.80	24.65
R412706124	6dB	3Hz	419-6820	29.81	27.42	25.24	23.22
R412710124	10dB	3Hz	419-6843	29.81	27.42	25.24	23.22
R412720124	20dB	3GHz	419-6855	29.81	27.42	25.24	23.22
R414703000	3dB	12.4GHz	419-6922	68.02	62.59	57.56	52.96
R414706000	6dB	12.4GHz	419-6934	64.81	59.63	54.84	50.47
R414710000	10dB	12.4GHz	419-6946	64.81	59.63	54.84	50.47
R414720000	20dB	12.4GHz	419-6958	64.81	59.63	54.84	50.47
R414730000	30dB	12.4GHz	419-6960	99.55	91.59	84.26	77.51

Technical information at your fingertips

Over 352,000 technical datasheets available online.

Visit www.farnell.co.uk and look for the Tech Info heading in your search results.

Coaxial Terminations



- A coaxial termination is intended to terminate a coaxial transmission in its characteristic impedance.
- It is supposed to dissipate the whole RF incident power; heat transfer is effected by free air convection into the environment.
- Designed in accordance with MIL D 39030, MIL E 5400, MIL STD 202 et NFC 96314

Mfrs. List No.	Order Code	Power	Frequency	Impedance	Type
Coaxial termination					
R404101000.	419-6570	1W	2.5GHz	50ohm	SMA, Coaxial
R404212000	419-6612	1W	18GHz	50ohm	SMA, Coaxial
R404210000	419-6594	2W	18GHz	50ohm	SMA, Coaxial
R404011000.	419-6545	1W	1GHz	50ohm	BNC, Coaxial
R404111000	859-1911	1W	4GHz	50ohm	BNC, Coaxial
R404012000.	419-6557	1W	1GHz	75ohm	BNC, Coaxial
R404051000	419-6569	1W	1GHz	50ohm	N, Coaxial
R404131000	419-6582	1W	2.5GHz	50ohm	N, Coaxial
R404240000	419-6624	1W	12.4GHz	50ohm	SMA, Coaxial
R404121000	859-1920	1W	4GHz	50ohm	TNC, Coaxial
R404441000.	419-6636	1W	1GHz	50ohm	BNC, Coaxial

*A resistive pad is a component with a specified resistance but which impedance is not guaranteed at high frequency.

245023

Mfrs List No.	Order Code	1+	10+	25+	50+
SMA terminations					
R404101000.	419-6570●	6.58	6.04	5.58	5.11
R404212000	419-6612●	19.24	17.71	16.93	16.18
R404210000	419-6594●	26.18	24.09	22.15	20.38
BNC terminations					
R404011000.	419-6545●	6.36	5.85	5.38	4.93
R404111000	859-1911●	5.61	5.21	5.00	4.81
R404012000.	419-6557●	5.81	5.63	5.20	4.77
BNC resistive pads					
R404441000.	419-6636●	4.70	4.30	3.98	3.66
N terminations					
R404051000	419-6569	9.80	9.01	8.29	7.63
R404131000	419-6582	11.57	10.64	9.80	9.01
R404240000	419-6624●	30.77	28.62	27.39	26.22
TNC terminations					
R404121000	859-1920●	11.59	10.69	9.81	9.02

230384

10 Per Pack	Order Code	1+	10+	25+	50+
Bulkhead jack	234-266	1.47	1.28	1.17	1.06
Bulkhead socket	234-278	1.33	1.18	1.09	0.94

239267

Order Multiple=10	Colour	Mfrs List No.	Order Code	10+	100+	500+	1K+
BNC, TNC, N, UHF - RG174, RG179, URM95							
Black	1-1478996-6	105-6320●	0.162	0.142	0.123	0.103	
Red	1-1478996-5	105-6321●	0.116	0.102	0.088	0.074	
Green	1-1478996-4	105-6322●	0.116	0.102	0.088	0.074	
Blue	1-1478996-2	105-6324●	0.116	0.102	0.088	0.074	
BNC, TNC, N, UHF - RG58, URM43, RG76							
Black	3-1478996-6	105-6325●	0.124	0.098	0.097	0.079	
Red	3-1478996-5	105-6326●	0.116	0.102	0.088	0.074	
Green	3-1478996-4	105-6327●	0.116	0.102	0.088	0.074	
Blue	3-1478996-2	105-6328●	0.162	0.142	0.123	0.103	

Order Multiple = 10			Price Each			
Colour	Mfrs List No.	Order Code	10+	100+	500+	1K+
BNC, TNC, N, UHF - RG59, RG62, URM70						
Black	5-1478996-6	105-6329●	0.162	0.142	0.123	0.103
Red	5-1478996-5	105-6330●	0.116	0.102	0.088	0.074
Green	5-1478996-4	105-6331●	0.116	0.102	0.088	0.074
Blue	5-1478996-2	105-6332●	0.116	0.102	0.088	0.074

BNC, N and Twinax

- Cap fits female jack socket
- Cap provides protection against dust and damage

- Plastic versions push-fit on to jack sockets

230386

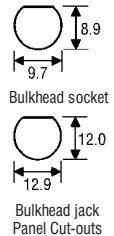
10 Per Pack			Price Per Pack			
Plastic Caps	Nom.I/D	Order Code	1+	10+	50+	100+
Twinax	18.5mm	779-775	2.75	2.69	2.64	2.59

BNC Patch Panel, 19" Rack Type

Available in Bulkhead Socket or Bulkhead Jack Cut-out

OSSI

H=87, W=482



- Aluminium BNC patch panel with 32 punched cut-outs
- 19" rack mounting, 2U high. Bulkhead socket and Jack versions
- Both types have recessed strip for label or logos

230389

Order Code	1+	5+	10+	25+
Bulkhead socket 8.9 9.7	474-861●	16.74	15.06	13.31
Bulkhead jack 12 12.9	474-873●	16.74	15.06	13.31

RF Lead Assemblies**Microwave Cable Assemblies**

SUCOTEST 18 cable assemblies feature excellent electrical performance (lowest insertion loss combined with excellent stability, high return loss) and are thus designed for daily use in components and assembly shops, test labs and automatic test equipment applications.

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
ST-18/NM/NM/36	855-8523	ST-18/SMAM/NM/48	855-8558
ST-18/NM/NM/48	855-8531	ST-18/SMAM/SMAM/36	855-8566
ST-18/SMAM/NM/36	855-8540	ST-18/SMAM/SMAM/48	855-8574

385640

		Order Code	1+	Price Each	
			10+	25+	
Sucotest Cable - 0.9m					
N Plug to N Plug	855-8523●	95.79	88.92	84.42	
SMA Plug to N Plug	855-8540●	82.00	76.18	72.33	
SMA Plug to SMA Plug	855-8566●	55.88	52.06	49.30	
Sucotest Cable - 1.2m					
N Plug to N Plug	855-8531●	100.14	95.34	92.90	
SMA Plug to N Plug	855-8558●	85.63	79.54	75.51	
SMA Plug to SMA Plug	855-8574●	59.50	55.40	52.48	

Microwave Cable Assemblies**SUCOFLEX®- 26.5GHz**

SUCOFLEX®100 series flexible microwave cable assemblies offer superior electrical and mechanical performance for static and dynamic applications.

The 104 series is a high end product developed to provide optimal performance up to 26.5GHz where stringent electrical requirements are important, in particular stability and low loss.

Typical applications: Test and Measurement, aerospace, defense systems

Mfrs. List No.	Order Code
SF104P-18/11SMA-451/11SMA-451/1000	416-3503
SF104P-18/11N-47/11N-47/1000	416-3527
SF104PA-18/11SMA-451/11SMA-451/1000	416-3515
SF104PA-18/11N-47/11N-47/1000	416-3539

240669

Order Code	1+	5+	10+
Sucoflex Cable - 1m			
SMA Plug to SMA Plug	416-3503●	147.51	139.17
N Plug to N Plug	416-3527●	162.81	153.49
Sucoflex Cable - Armoured - 1m			
SMA Plug to SMA Plug	416-3515●	186.90	176.22
N Plug to N Plug	416-3539●	202.23	190.35
			186.54

Microwave Cable Assemblies

Microwave cable assemblies - Alternative solution to semi-rigid technology. The conformable technology (hand-forming) offers electrical performance comparable to semi-rigid cables (RG405 and RG402) up to 18 GHz.

Frequency Range	Cable Diameter	Bending Radius	Insertion Loss for 0.25m	VSWR	Temperature Range
DC-18GHz	2.2mm	9mm	2 GHz - 0.31	1.30	-55°C to 150°C
			8 GHz - 0.68		
			18 GHz - 1.05		

Length	Ohms	Order Code	1+	10+	25+	50+
Cable .085						
25cm	50	135-4214●	16.02	15.22	14.49	13.75
50cm	50	135-4215●	17.31	16.44	15.67	14.86

Frequency Range	Cable Diameter	Bending Radius	Insertion Loss for 0.25m	VSWR	Temperature Range
DC-18GHz	3.5mm	19mm	2 GHz - 0.21	1.30	55°C to 150°C
			8 GHz - 0.45		
			18 GHz - 0.8		

467401

Length	Ohms	Order Code	1+	10+	25+	50+
Cable .141						
25cm	50	135-4216●	16.09	15.29	14.56	13.81
50cm	50	135-4217●	17.07	16.22	15.45	14.65

Microwave Cable Assmeblies - Alternative**solution to semi-rigid technology**

Ultra-low loss microwave flexible SHF cable-assemblies



The RADIAL SHF technology offers electrical performance comparable to the semi-rigid cables (RG405 and RG402) when flexibility is of the utmost importance

Frequency Range	Bending Radius	Insertion Loss for 0.25m	VSWR	Temperature Range
DC-18GHz	25mm	2 GHz - 0.24	1.30	-55°C to +125°C
		8 GHz - 0.45		
		18 GHz - 0.63		



RF Lead Assemblies - continued**Microwave Cable Assmeblies - Alternative solution to semi-rigid technology - continued****Ultra-low loss microwave flexible SHF cable-assemblies - continued****C-39029**

- Connectors meet requirements of **BS9210, MIL-C-39012, CeCC22120 and IEC169/8**
- RG58/U, RG59/U and RG62A/U cables are halogen free, fire retardant thermo-plastic sheath to **BS6724**

230394

Length	Ohms	Order Code	Mfrs. List No.	Price Each				467400				
				1+	10+	25+	50+					
Cable 4,2M												
Straight male SMA / Straight male SMA												
50cm	50	135-1926●	R286301072	102.01	96.92	92.29	87.51					
100cm	50	135-1927●	R286301073	78.69	74.76	71.20	67.50					

Coaxial leads

RADIALL®

Mfrs. List No.	Order Code	Cable Group
R285212000	120-7560	2.6/50+75
R285214000	120-7561	2.6/50+75
R285215000	120-7562	2.6/50+75
R285425000	120-7563	5/50
R285426000	120-7564	5/50
R285427000	120-7565	5/50

245035

Length	Order Code	1+	10+	25+	50+	Price Each
Female-female SMB lead						
25cm	120-7560●	15.66	14.39	13.25	12.17	
50cm	120-7561●	22.64	20.82	19.13	17.63	
100cm	120-7562●	16.18	14.90	13.71	12.60	
Male-male BNC lead						
100cm	120-7563●	14.75	13.55	12.47	11.47	
150cm	120-7564●	16.54	15.21	14.00	12.87	
200cm	120-7565●	15.35	14.13	13.00	11.96	

245035

BNC Coaxial Cable Assemblies

Amphenol

- Nickel plated brass connectors
- Gold plated contacts
- BNC with moulded strain relief

Cable Assemblies BNC

RADIALL®



Cable Assemblies 50 and 75Ω.

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
R284C0351003	135-1879	R284C0351012	135-1887
R284C0351004	135-1880	R284C0351013	135-1888
R284C0351005	135-1881	R284C0351014	135-1889
R284C0351006	135-1882	R284C0351015	135-1890
R284C0351007	135-1883	R284C0351016	135-1891
R284C0351008	135-1884	R284C0351017	135-1892
R284C0351011	135-1885	R284C0351018	135-1893

467367

Cable	Lead Length	Order Code	1+	10+	50+	100+	Price Each
BNC Plug - Plug							
50ohm	RG58C/U	0.6m	126-1916●	4.90	4.42	4.01	3.32
50ohm	RG58C/U	1.2m	126-1917●	5.38	4.93	3.82	3.81
50ohm	RG58C/U	2m	126-1918●	6.06	5.57	5.05	4.76
75ohm	RG59/U	1.2m	126-1919●	6.08	5.58	5.48	5.30

230391

BNC and TNC Coaxial Cable Assemblies

Tyco Electronics



- Patchcord assemblies for wireless and general instrumentation applications
- Quality turned brass teflon insulators and silicon rubber gaskets
- Nickel plated bodies feature gold contacts and silver plated bodies feature silver plated contacts
- Manufactured to ensure compatibility with IEC mating face requirements and US MIL-

Length	ohm	Order Code	1+	10+	25+	50+	Price Each
Cable RG58							
25cm	50	135-1879●	13.52	12.85	12.23	11.61	
50cm	50	135-1880●	13.65	12.97	12.35	11.72	
100cm	50	135-1881●	13.95	13.25	12.62	11.97	
200cm	50	135-1882●	14.50	13.78	13.12	12.44	
300cm	50	135-1883●	15.08	14.32	13.64	12.93	
500cm	50	135-1884●	16.91	16.06	15.29	14.50	
Cable RG223							
Plug - Plug Straight	50	135-1885●	19.88	18.90	17.99	17.06	
50cm	50	135-1887●	21.09	20.04	19.08	18.09	
Cable RG59							
Plug - Plug Straight	75	135-1888●	14.05	13.34	12.71	12.05	
50cm	75	135-1889●	14.48	13.77	13.11	12.42	
100cm	75	135-1890●	15.37	14.61	13.91	13.18	
200cm	75	135-1891●	17.17	16.31	15.53	14.73	
300cm	75	135-1892●	18.95	18.00	17.13	16.25	
500cm	75	135-1893●	23.23	22.08	21.03	19.94	

467367

Over 480,000 products online



Cable Assemblies BNC

Coaxial cable assemblies BNC.

Mfrs. List No. R284C0351010 Order Code 134-9834

RADIALL

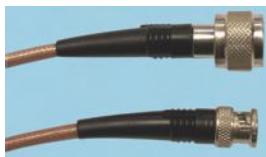
Length	Order Code	Price Each			
		1+	10+	25+	50+
Cable RG58					
BNC Female / Female					
100cm	134-9834●	7.91	7.51	7.16	6.82

467069

A range of ready made assemblies with various connector and cable types.

- **SMA to SMA** plug to plug, optional stainless steel connectors with RG316/U cable or, Gold plated brass connectors with RG174/U cable
- **SMB to SMB** plug to plug comprises, Gold plated brass connectors with RG174/U cable
- **MCX to MCX** plug to plug comprises, Nickel plated brass connectors and RG174 cable. Ideal for use where space is limited.
- Contacts are Gold plated brass
- Teflon insulators

337998.342998

Cable Assemblies BNC / N

Coaxial cable assemblies with plug BNC and N connector.

Mfrs. List No. R284C0351026 Order Code 134-9837
R284C0351027 134-9838**RADIALL**

Length	Order Code	Price Each			
		1+	10+	25+	50+
BNC / N Plug - Plug					
50cm	134-9837●	9.18	8.71	8.31	7.91
100cm	134-9838●	9.50	9.03	8.67	8.15

467071

Cable Assemblies BNC-SMB

Cable Assemblies BNC and straight connector N and plug BNC and straight connector SMB.

Mfrs. List No. R284C0351028 Order Code 135-1896

RADIALL

Length	ohm	Order Code	Price Each			
			1+	10+	25+	50+
Cable RG174 (DC - 1 GHz)						
BNC Plug / SMB Female Straight						
100cm	50	135-1896●	18.57	17.65	16.81	15.93

467396

Cable Assemblies KX6A

BNC coaxial cable assemblies with plug BNC.

Mfrs. List No. R284C0351022 Order Code 134-9825
R284C0351023 134-9826**RADIALL**

Length	Order Code	Price Each			
		1+	10+	25+	50+
Plug - Plug BNC					
300cm	134-9825●	8.06	7.66	7.27	6.90
600cm	134-9826●	11.12	10.57	10.03	9.52

467062

SMA, SMB and MCX Cable Assemblies - 50Ω**multicomp**

Plug to Plug Cable Assemblies



A range of ready made assemblies with various connector and cable types.

- **SMA to SMA** plug to plug, optional stainless steel connectors with RG316/U cable or, Gold plated brass connectors with RG174/U cable
- **SMB to SMB** plug to plug comprises, Gold plated brass connectors with RG174/U cable
- **MCX to MCX** plug to plug comprises, Nickel plated brass connectors and RG174 cable. Ideal for use where space is limited.
- Contacts are Gold plated brass
- Teflon insulators

337998.342998

Length (mm)	Connector Body	Order Code	1+	10+	25+
SMA - SMA RG316/U	Material				
250	Stainless steel	116-9687●	11.72	10.56	9.97
1000	Stainless steel	116-9688●	13.10	11.75	11.21
SMA - SMA RG174/U	Brass, Gold plated	116-9689●	10.97	9.83	9.43
250	Brass, Gold plated	116-9690●	11.86	10.83	9.71
SMB - SMB RG174/U	Brass, Gold plated	116-9693●	10.01	9.50	9.00
1000	Brass, Gold plated	116-9691●	6.93	6.34	5.98
MCX - MCX RG174/U	Brass Nickel plated	116-9692●	9.59	8.92	8.21
250	Brass Nickel plated	116-9693●	9.59	8.92	8.21

230395

SMA, SMB, SMC Coaxial Cable Assemblies**Tyco Electronics**

- Quality turned brass connectors with teflon insulators and silicon rubber gaskets
- Gold plated brass and passivated stainless steel bodies with gold plated contacts
- Manufactured to ensure compatibility with IEC mating face requirements and US MIL-C-39029

- Patchcord assemblies for wireless base station and general instrumentation applications

Length (m)	Mfrs. List No.	Order Code	Price Each 1+
St Steel/Au RG316			
SMA 50Ω Plug to Plug			
0.25	1337808-1	105-6167●	14.48
0.5	1337808-2	105-6168●	15.52
1	1337808-3	105-6169●	17.63
SMA 50Ω Plug to R/A Plug			
0.25	1337810-1	105-6173●	13.41
0.5	1337810-2	105-6174●	14.46
1	1337810-3	105-6175●	16.58
SMA 50Ω R/A Plug to R/A Plug			
0.25	1337812-1	105-6180●	12.35
0.5	1337812-2	105-6182●	13.41
1	1337812-3	105-6183●	15.51
Au/Au RG174			
SMA 50Ω Plug to Plug			
0.25	1337809-1	105-6170●	12.55
0.5	1337809-2	105-6171●	12.75
1	1337809-3	105-6172●	13.05
SMA 50Ω Plug to R/A Plug			
0.25	1337811-1	105-6176●	14.90
0.5	1337811-2	105-6178●	15.08
1	1337811-3	105-6179●	15.42
SMB 50Ω Plug to Plug			
0.25	1337815-1	105-6187●	9.49
SMB 50Ω Plug to Plug			
0.5	1337815-2	105-6188●	9.16
1	1337815-3	105-6191●	9.97
SMB 50Ω Plug to R/A Plug			
0.25	1337816-1	105-6192●	9.51
0.5	1337816-2	105-6193●	9.64
1	1337816-3	105-6194●	9.97
SMB 50Ω R/A Plug to R/A Plug			
0.25	1337817-1	105-6195●	9.49
0.5	1337817-2	105-6196●	9.64
1	1337817-3	105-6197●	9.97
SMC 50Ω Plug to Plug			
0.25	1337819-1	105-6202●	10.65
0.5	1337819-2	105-6203●	10.85
1	1337819-3	105-6204●	11.19
Au/Au RG316			
SMB 50Ω Plug to Plug			
0.25	1337814-1	105-6184●	10.35
0.5	1337814-2	105-6185●	11.40
1	1337814-3	105-6186●	13.48
SMB 50Ω R/A Plug to R/A Plug			
0.25	1337818-1	105-6198●	10.35
0.5	1337818-2	105-6199●	11.40
2	1337818-4	105-6200●	16.83
3	1337818-5	105-6201●	21.93

17

Farnell

RF Lead Assemblies - continued**Cable Assemblies SMA****RADIALL®**

Plug SMA cable assemblies (straight and R/A).

Mfrs. List No.	Order Code
R284C0351053	134-9827
R284C0351054	134-9828
R284C0351055	134-9829
R284C0351056	134-9830
R284C0351057	134-9832
R284C0351058	134-9833

467067

Length	Order Code	Price Each			
		1+	10+	25+	50+
Cable RG316 (DC - 3 GHz)					
50cm	134-9827●	11.00	10.44	9.92	9.49
100cm	134-9828●	12.10	11.48	10.92	10.43
SMA Straight / Right Angle					
50cm	134-9829●	10.39	9.88	9.37	8.95
100cm	134-9830●	11.83	11.22	10.67	10.19
SMA Right Angle / Right Angle					
50cm	134-9832●	10.20	9.70	9.26	8.74
100cm	134-9833●	11.51	10.94	10.39	9.94

Cable Assemblies SMA**RADIALL®**

Cable Assemblies plug SMA (straight or right angle).

Mfrs. List No.	Order Code
R284C0351059	135-1920
R284C0351060	135-1921

467399

Length	oHm	Order Code	Price Each			
			1+	10+	25+	50+
Cable RG223 (DC - 12.4 GHz)						
100cm	50	135-1920●	23.42	22.25	21.19	20.09
Cable RG142 (DC - 12.4 GHz)						
100cm	50	135-1921●	27.63	26.26	25.00	23.71

Cable Assemblies N-SMA**RADIALL®**

Cable Assemblies connector N and straight plug SMA.

Mfrs. List No.	Order Code
R284C0351047	135-1915
R284C0351048	135-1917
R284C0351049	135-1918

467398

Length	oHm	Order Code	Price Each			
			1+	10+	25+	50+
Cable RG223 (DC - 12.4 GHz)						
50cm	50	135-1915●	21.53	20.45	19.48	18.46
100cm	50	135-1917●	22.74	21.59	20.56	19.50
Cable RG142 (DC - 12.4 GHz)						
50cm	50	135-1918●	23.62	22.44	21.37	20.26

Cable Assemblies SMA / N**RADIALL®**

Coaxial cable assemblies with plug SMA and N connector.

Mfrs. List No.	Order Code
R284C0351045	134-9839
R284C0351046	134-9840

467072

Length	Order Code	Price Each			
		1+	10+	25+	50+
Cable RG58					
50cm	134-9839●	11.87	11.27	10.71	10.16
100cm	134-9840●	12.50	11.87	11.28	10.79

Electronics Design World

...it's where Design Engineers go!

For the latest news, technology and support tools, visit:
www.electronicsdesignworld.com**N Series Coaxial Cable Assemblies****Tyco Electronics**

- Quality turned brass, teflon insulators and silicon rubber gaskets
- Nickel or white bronze plated bodies with gold plated contacts and silver plated bodies with silver plated contacts
- Manufactured to ensure compatibility with IEC mating face requirements and US MIL-C-39029
- Patch cord assemblies for wireless base station and general instrumentation

230397

No. of Ways	Mfrs. List No.	Order Code	Price Each 1+
Ni/AU RG58			
0.25	1337801-1	105-6157●	8.95
0.5	1337801-2	105-6158●	9.11
1	1337801-3	105-6159●	9.41
1.5	1337801-4	105-6160●	9.71
Ni/Au RG213			
0.25	1337803-1	105-6161●	10.01
0.5	1337803-2	105-6162●	10.52
1	1337803-3	105-6163●	11.53
1.5	1337803-4	105-6164●	12.54

Cable Assemblies N**RADIALL®**

Cable Assemblies BNC and straight connector N (straight and right angle).

Mfrs. List No.	Order Code
R284C0351029	135-1897
R284C0351030	135-1899
R284C0351031	135-1900
R284C0351035	135-1905
R284C0351036	135-1906
R284C0351038	135-1908

Mfrs. List No.	Order Code
R284C0351039	135-1909
R284C0351040	135-1910
R284C0351041	135-1911
R284C0351042	135-1912
R284C0351043	135-1913
R284C0351044	135-1914

Length	oHm	Order Code	Price Each			
			1+	10+	25+	50+
Cable RG58 (DC - 1 GHz)						
50cm	50	135-1897●	20.05	19.05	18.14	17.20
100cm	50	135-1899●	20.33	19.31	18.39	17.43
Cable RG142 (DC - 1 GHz)						
50cm	50	135-1900●	23.14	21.98	20.94	19.85
Plug Straight - Plug Right Angle						
50cm	50	135-1905●	25.16	23.90	22.77	21.57
100cm	50	135-1906●	28.45	27.03	25.74	24.40
Cable RG213 (DC - 1 GHz)						
200cm	50	135-1908●	32.71	31.09	29.60	28.07
300cm	50	135-1909●	34.24	32.53	30.98	29.37
500cm	50	135-1910●	38.63	36.71	34.97	33.15
Cable RG214						
Plug - Plug Straight						
100cm	50	135-1911●	36.79	34.96	33.29	31.56
200cm	50	135-1912●	41.58	39.50	37.62	35.67
300cm	50	135-1913●	46.39	44.07	41.98	39.79
500cm	50	135-1914●	57.32	54.46	51.87	49.18

MCX Coaxial Cable Assemblies**Tyco Electronics**

- Quality turned brass, teflon insulators and silicon rubber gaskets
- Nickel plated bodies and gold plated contacts
- Manufactured to ensure compatibility with IEC mating face requirements and US MIL-C-39029
- Standard patchcord assemblies provide a cost-effective, off the shelf solution for wireless and communication applications

230398

No. of Ways	Mfrs. List No.	Order Code	Price Each
Ni/AU RG174			
MCX 50ΩPlug to Plug			
0.25	1337785-1	105-6150●	9.28
0.5	1337785-2	105-6151●	9.43
1	1337785-3	105-6152●	9.45
MCX 50ΩPlug to R/A Plug			
0.25	1337786-1	105-6154●	10.17
0.5	1337786-2	105-6155●	10.33
1	1337786-3	105-6156●	10.62

Cable Assemblies MCX

Coaxial cable assemblies MCX.

Mfrs. List No.	Order Code
R284C0351065	134-9835
R284C0351066	134-9836



467070

Length	Order Code	1+	10+	25+	50+	Price Each
Cable RG178						
MCX Plug - Plug						
Straight / Right Angle						
25cm	134-9835●	9.69	9.21	8.77	8.35	
Right Angle / Right Angle						
25cm	134-9836●	10.03	9.52	9.04	8.67	

Cable Assemblies RG59 DTF Plug - Plug

Cable assemblies RG59 DTF in 0.25M and 1M.

Mfrs. List No.	Order Code
R284C0351051	137-2726
R284C0351052	137-2727

474889

Length	Order Code	1+	10+	25+	50+	Price Each
RG59 DTF Plug - Plug						
25cm	137-2726●	6.01	5.66	5.34	4.62	
100cm	137-2727●	8.43	7.94	7.50	6.49	

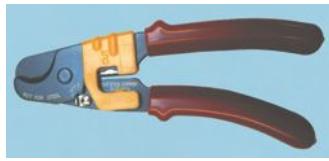
RF Cable Stripping Tools**Universal Stripping Tool**

1346965



1346967

488318

RF Cable Cutter Tool

488321

LC CST Strippers

Mfrs List No.	Preset Strip Lengths	Strip Types	Cable Groups
LC CST-58/59	0.315" outer jacket 0.157" inner jacket	2 and 3 level adjustable	RG58, RG59, RG62 AU, RG6
LC CST-11	0.315" outer jacket 0.157" inner jacket	2 level	RG8, RG11 and RG213
LC CST CATV F	0.236" outer jacket	2 and 3 level adjustable	RG59, RG6
LC CST-MINI	0.344" outer jacket 0.094" inner jacket	2 and 3 level adjustable	RG178, RG179, RG188, RG187 RG188A, RG405

232022

Mfrs. List No.	Order Code	Price Each
LC CST-58/59	386-3293	13.67
LC CST-11	386-3300	13.67
LC CST CATV F	386-3311	13.67
LC CST-MINI	386-3323	13.67

232022

Coaxial Stripper

H=73, W=42, D=35mm

234040

Order Code	Price Each
RG58	1+
559-283	21.54
RG59	5+
559-295	16.81

234040

Cable Stripping Tools-2 and 3 Step

17

Two easier to use and more versatile versions of the original cable stripping tool, **supplied complete with long life blade cassettes**. The two-step version prepares cable for 'Twist-on coaxial connectors, and the three-step for most crimp BNC and TNC plugs. Suitable for use with RG58, RG59, RG62, RG174, RG179, CT100 and Belden 8281 coaxial cables.

Note: The three-step replacement cassette cannot be used in the two-step tool.

234042

Order Code	1+	5+	10+
Stripping Tools with Cassettes			
2 Step	251-203	29.45	26.50
3 Step	251-215	46.50	41.07
Replacement Cassettes			
3 Step	251-239	15.27	13.89

234042

Modular Coaxial Stripping Tool With Interchangeable Blade Cassettes

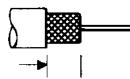
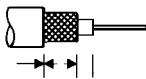
H=41, W=26.2, D=98

RF Cable Stripping Tools - continued

Modular Coaxial Stripping Tool - continued

With Interchangeable Blade Cassettes - continued

- Modular stripping tool with interchangeable cassette blades
- 6 Cassettes to suit most R.F coaxial cables
- Spare (screw adjustable) end plates 3
- grub screws for blade depth
- Use one end plate for each cable style to ensure fast set up
- Stripping cassettes available in 2 or 3 stages



Order Code	Cassette	A	B	C
2 stage				
887-250	Grey	3.9	—	8.0
887-262	Red	6.0	—	13.0
887-274	Yellow	12.0	—	8.3
887-286	Blue	6.5	—	12.0
3 stage				
887-298	Green	7.1	5.1	9.5
887-304	Brown	7.5	3.5	9.5

230403

Stripping Tool Body (includes screw adjusting end plate)	Mfrs. List No.	Order Code	Price Each			
			1+	3+	5+	10+
Blade Cassettes	903050	887-237	31.89	28.58	26.73	24.05
2 Stage						
Grey Cassette	903205	887-250	11.25	10.23	9.63	8.73
Red Cassette	903204	887-262	11.25	10.23	9.63	8.73
Yellow Cassette	903203	887-274	11.25	10.23	9.63	8.73
Blue Cassette	903202	887-286	11.25	10.23	9.63	9.03
3 Stage						
Green Cassette	903200	887-298	12.16	11.83	11.06	10.02
Brown Cassette	903201	887-304	11.83	11.56	10.89	9.97

230403

Cable groups covered 079 and 001
RG6, RG11 and RG213

Order Code
341-4681

230406

Cable Group	Order Code	1+	5+	10+
RG6, RG11, RG213	341-4681	33.95	30.54	28.36

Modular Ratchet Tool

With Interchangeable Die Sets



- Modular tool with interchangeable die sets
- 7 die sets to suit most R.F. coaxial crimp connectors
- ABS case holds 1 tool and 7 die sets

Part No.	Hex	Square
2034	6.50	5.41
2039	10.54	2.41
2042	8.79	8.00
2046	5.41	4.52
2051	4.52	3.25
2075	8.26	5.46
2653	3.25	5.41

230447

Universal Tool Frame	Mfrs. List No.	Order Code	Price Each		
			1+	3+	5+
Die Sets					
Connectors					
Cable Groups					
BNC,TNC	RG58, 59, 62AU	2034	887-158	16.65	14.92
N Type	RGB, 11, 213, 216	2039	887-160	16.98	15.22
F,BNC	RG6,59	2042	887-171	16.98	15.22
BNC	RG58, 174	2046	887-183	16.98	15.22
BNC,SMA,SMB,SMC	RG174, RG179	2051	887-195	16.98	15.22
BNC,TNC	RG58,59,62AU,6	2075	386-3270	20.35	19.34
SMA,SMB,Mini UHF	RG58,174	2653	386-3281	19.40	18.43
ABS Case		901013	377-6657	21.71	20.74

230447

RF Connector Crimping Tools

Greenpar Crimp Tooling

- A full range of tools and dies for Greenpar RF crimp connectors
- Universal crimp tool frame with individual dies

239266

Cable Type	Mfrs. List No.	Order Code	Price Each
Tool Frame	9-1478240-0	413-2440	74.80
Crimp Dies			
RG58, RG59, URM70, BT2002	9-1478242-0	413-2452	83.95
RG174, RG179, BT3002	9-1478245-0	413-2476	89.46
RG9, RG58, RG213, Belden 9907	9-1478246-0	413-2488	100.82
RG174, RG178	9-1478248-0	413-2506	84.95

SDE Die and Tooling options
available see Page 1625

17



ACE Crimp Tools

- ACE crimp tools for Amphenol coaxial connectors
- High quality full cycle ratchet hand tool with die set
- Supplied in protective case

230278

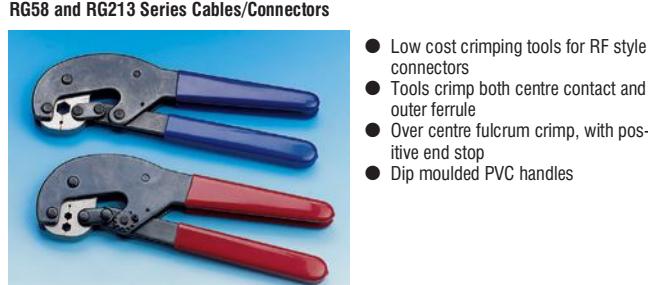
Mfrs. List No.	Order Code	Price Each
ACE-TOOL 1	365-1642	118.09
ACE-TOOL 3	365-1666	118.09
ACE-TOOL 4	365-1678	99.34
ACE-TOOL 6	365-1691	99.34

Amphenol



230278

- Low cost crimping tools for RF style connectors
- Tools crimp both centre contact and outer ferrule
- Over centre fulcrum crimp, with positive end stop
- Dip moulded PVC handles



230201

Coming soon



Register your interest for items that are 'Coming Soon' at www.farnell.co.uk and we'll email you to let you know that they're in stock.


www.farnell.co.uk

Prices are in £ sterling & exclusive of VAT