Office - Computer Hardware, Networking & Consumables

Bluetooth Products

Bluetooth RS232 Adaptors DTE/DCE

brainboxes

- Bluetooth RS232 adaptors available in DTE (male 9pin D for device end) or DCE (female 9pin D for PC end)
- Class 2 device 2dBm. Up to 30m open field range
- Bluetooth 1.1 Qualified
- Max measured current 150mA
- Sleep mode 1mA max
- Power input via Pin 9 of RS232 port option
- Power requirement: 5V-13.6V on PIN9
- Mains power adaptor supplied
- Default configuration 115200 Baud, 8 data bits, 1 stop bit, No parity
- Baud Rate: Available rates 244baud to 921600 baud
- Integral Antenna
- Security Bonding Option
- Can be configured as a pair offering TRUE cable replacement
- Able to establish a wireless connection, to any legacy device with RS232 serial port
- Embedded Bluetooth Protocol Stack -SSP (serial port profile)
- Master/Slave software Switch supported
- Advanced features available via HyperTerminal, Command Set & Windows Utilities
- Unique Small Form Factor

415821

Description	Order Code	Price Each
RS232 Adaptor DTE (BL-819)	120-3506●	
RS232 Adaptor DCE (BL-830)	120-3507●	

FireWire Products

FireWire 800Mbps Cables

A range of IEEE1394b 'FireWire' cables with the 9 pin connectors as required for the faster 800Mbps standard.

- Braid shielding
- Translucent cover
- Fully rated to 800Mbps

383516.334205

Description	Order Code	1+	5+
			Price Each
9P to 4P - 2m	870-4171		
9P to 6P - 2m	870-4180		
9P to 9P - 2m	870-4198		

Firewire 800Mbps Cables

SPC pro-SIGNAL

A range of IEEE1394b 'FireWire' cables with the 9 pin connectors as required for the faster 800Mbps standard.

NEW

- Braid shielding
- Fully rated to 800Mbps
- Translucent cover

630311

Description	Mftrs. List No.	Order Code	Price Each	
			1+	5+
9P to 4P - 2m	PSG90333	188-9732		
9P to 6P - 2m	PSG90334	188-9733		
9P to 9P - 2m	PSG90335	188-9735		

KVMs

2 Port USB - USB/PS2 KVM Switches with Built-in Cables

870-6620   870-6638

- Control two computers with one PS2 keyboard, monitor and PS2 mouse
- Select the required computer by 'hot-keys'
- CS11645 has connections for 2 USB equipped computers
- CS11646 has connections for 1 USB and 1 PS/2 equipped computer

- Supports video resolutions up to 1920x1440
- LEDs for computer status
- PC99 colour coded connectors
- No power adaptor required
- No software required
- Dimensions (HxWxD): 55x85x24mm

Contents: KVM switch and user guide

383454.380903

Description	Order Code	Price Each	
		1+	2+
USB KVM Switch	870-6620		
USB+PS2 KVM Switch	870-6638		

SOHO Tower KVM Switches

NEW

Stylish, space-saving KVMs which allow you to control 2 or 4 computers.

- Supports resolutions up to 1920x1440
- Select the required computer by either select or buton or 'hot-keys'
- Supplied with either 2 or 4 sets of 1.8m leads each with 2x PS2 and 1x 15-way Hi-D
- PC99 colour coded connectors
- No power adaptor required
- No software required, Win 95/98/ME/2000/NT/XP compatible
- Dimensions (HxWxD): 125x50x100mm

Contents: Switchbox, cables and user guide

383598.342330

Description	Order Code	Price Each	
		1+	2+
2 Port KVM	870-4279		
4 Port KVM	870-4287		

4 / 8 KVM Switches

- Access up to 2/4/8 PCs from one mouse, keyboard and standard VGA monitor by pressing the select buttons on the front panel
- PS2 keyboard connection only
- PS2 and serial mice supported (serial via adaptor)
- Maximum cable length for video is 30m

- Maximum video resolution of 1920 x 1440
- Metal cabinet
- No drivers required

Contents: Switchbox, AC adaptor (not 2 port) and user guide

4 / 8 KVM Switches - continued

● 2 Port specfication
Connections to PC: 4x PS2 2x 15 way Hi-D M
Connections to console :PS2 k/b & mouse 1x 15way Hi-D F
2x PS/2 to serial adapter supplied
Dimensions 40 x 135 x 75mm
● 4 Port specfication
Connections to PC: 8x PS2 4x 15 way Hi-D M
Connections to console :PS2 k/b & mouse 1x 15way Hi-D F
2x PS/2 to serial adapter supplied
Dimensions 44 x 220 x 133mm
● 8 Port specfication
Connections to PC: 16x PS2 8x 15 way Hi-D M
Connections to console :PS2 k/b & mouse 1x 15way Hi-D F
4x PS/2 to serial adapter supplied
Dimensions 44 x 436 x 180mm

248693

Description	Order Code	Price Each 1+
4 Port KVM	431-6290	
8 Port KVM	431-6307	
Cable, 6 pin Mini DIN M to M, 2m	395-0300	
Cable, 15way Hi-D M to F, 3m	431-6319	

KVM Extension Cables

pro-SIGNAL

KVM extension cables which have the 3 cables joined together ensuring that you are never 'just one cable' short.
● Consists of male to female VGA, PS2 mouse and PS2 keyboard connectors
● Available in 2m, 3m or 5m lengths

383431.364442

Description	Order Code	Price Each 1+	5+
KVM Extension Cable, 2m	870-6018		
KVM Extension Cable, 3m	870-6026		
KVM Extension Cable, 5m	870-6034		

DVI / PS2 Male to Male Leads

NEW   pro-SIGNAL

KVM Extention cable for most common DVI KVMs.

● Consists of male to male DVI, PS2 mouse and keyboard connectors
● Avaiable in 2, 3, 4 and 5m lengths

650484

Length	Mftrs. List No.	Order Code	Price Each 1+	5+	10+
2m	EX-772	194-7859●			
3m	EX-773	194-7860●			
4m	EX-774	194-7861●			
5m	EX-775	194-7863●			

Mouse/Keyboard/Monitor Extension Cables

Videk

● Male to female extension cable sets which are moulded together to min-imise those 'lost' cables
● 15 way HD monitor connector with 3 core coax and 4 pair twisted cable
● Colour coded PS2 mouse and key-board connectors
● Available as 2m or 3m cable sets

382764

Length	Order Code	Price Each 1+	5+
5m	128-3776●		

DB9 Serial Extension Cable

belkin

● Extend the length of your serial mouse, CGA/EGA video monitor or other DB9 device
● Flextec PVC rubberized cable jacket
● Gold plated copper contacts
● Oversized thumbscrews
● Belkin lifetime warranty

441936

Description	Order Code	Price Each 1+	3+
1.8m	124-2281		
3m	124-2282		
5m	124-2284		

SVGA Premium cables

SPC pro-SIGNAL

● High quality multi coaxial monitor cable with 14 connected wires to guarantee
● DCC2B-compatibility: Plug & play monitor
● Ferrite core for protection against interfe-rences
● HD 15 connectors
● Color: black
● Compatible with XGA, SVGA et SXGA standards

521498

Type	Length	Order Code	Price Each 1+	5+
M/M	1.8m	164-1279●		
M/M	3m	164-1280●		
M/M	5m	164-1282●		
M/M	10m	164-1283●		
Extension cable				
M/F	1.8m	164-1284●		
M/F	3m	164-1285●		
M/F	5m	164-1286●		
M/F	10m	164-1287●		

DVI-I/VGA HD 15 F Adaptor

SPC pro-SIGNAL

● VGA to DVI-I/DVI-A female mini cable
● For connection of screen with VGA con-nector cable to one video card with DVI-I/DVI-A female connector
● Does not fit the DVI-D (24+1) video cards
● Cable length: 15cm

528276

Description	Order Code	Price Each 1+	5+	10+
DVI-I/VGA Adaptor	168-3079●			

DVI to VGA Monitor Cables and Adaptors

Videk

● Use for connecting a computers ana-logue DVI interface to a VGA/SVGA/XGA monitor
● Fully moulded cables
● DVI analogue male to 15 way HD male connectors

382767

Description	Order Code	Price Each 1+	5+
Cables			
1m	128-3783●		
Adaptors			
DVI-A F to SVGA M	128-3784●		
DVI-A M to SVGA F	128-3785●		

Audio, Office and Electrical

Office – Computer Hardware, Networking & Consumables

DVI-D Cables
**Various Lengths**

pro-SIGNAL

NEW

- DVI-D dual link plug to plug leads
- OFC Cable with ferrite suppressors
- Molded plastic plugs with thumb screws
- Gold plated connectors
- 1, 1.8, 3, 5, 7 and 10m lengths available

656080

Mftrs. List No.	Cable Length	Order Code	Price Each 1+	10+	25+
PSG03323	1m	209-9523●			
PSG03324	1.8m	209-9525●			
PSG03325	3m	209-9526●			
PSG03326	5m	209-9527●			
PSG03327	7m	209-9528●			
PSG03328	10m	209-9529●			

DVI Extension Cables

Videk
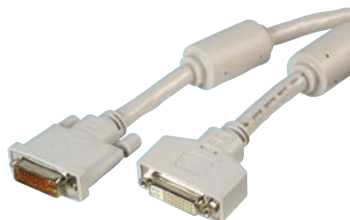
- Available in both DVI I and DVI D versions in 2m, 5m and 10m versions
- Fully moulded cables, custom lengths not available
- DVI D digital version is supplied with DVI I female connector (with digital pins only connected)

493464

Description	Length	Mftrs. List No.	Order Code	Price Each 1+	5+
DVI M to DVI F A+D Monitor Extension Cable	2m	2218-2	151-7530●		
DVI M to DVI F A+D Monitor Extension Cable	5m	2218-5	151-7531●		
DVI M to DVI F D Monitor Extension Cable	2m	2218D-2	151-7534●		
DVI M to DVI F D Monitor Extension Cable	5m	2218D-5	151-7535●		

DVI Monitor Splitters

Videk

- Fully moulded DVI splitters suitable for both DVI integrated and DVI digital applications
- DVI male to 2 x females enables connection of two monitors to a single DVI output

493467

Description	Mftrs. List No.	Order Code	Price Each 1+	5+
DVI I Male to 2 x DVI I Female Monitor Splitter	2118I	151-7537●		
DVI D Male to 2 x DVI D Female Monitor Splitter	2118D	151-7538●		

VGA CAT5 Extenders

Video   Audio/Video

These boxes allow you to send video or video and audio data along a CAT5 cable to a pair of monitors up to 150m away. This makes them ideal for use in shop displays, exhibitions or information points where access to a computer is not required or is a security problem.

- Works up to 150m away
- 4 position distance equaliser for optimum signal
- Supports resolutions up to 1024x768
- Use standard CAT5/5e/6 unshielded cable as the data link
- Available with or without mono audio facility
- Standard 15way Hi-D male input and 2x 15way Hi-D female outputs

- The audio version uses 3.5mm sockets for input and outputs
- RJ45 sockets for the CAT5 cable
- Powered by ac adaptors
- No operating system required
- Dimensions (HxWxD): 20x104x70mm

Contents: Tx, Rx, 2x ac adaptors and user guide

383509.342323

Description	Order Code	Price Each
Video Extender	870-4295	
Audio/Video Extender	870-4309	

PC Audio Extension Lead

hama.

- Extend your microphone and headphone connections
- PC99 colour coded for use with notebooks & PCs
- 2x 3.5mm stereo plugs to 2x 3.5mm stereo sockets
- 1.8m length
- Retail packed

488363.467478

Order Code	Price Each 1+	5+
149-5664		

DVI-D (18+1) Male - HDMi Male A Type Leads

pro-SIGNAL

- Digital DVI-D to HDMI (High-Definition Multimedia Interface)
- Allows the connection of a video card with a PC via DVI connector and a digital device with HDMI connector (TV, projector, plasma or LCD screen etc.)
- Supports video transfer only
- HDMI A type 19-pin connector
- Available in 3m and 5m cable length

527804

Cable length	Mftrs. List No.	Order Code	Price Each 1+	5+	10+
3m	127880	164-1277●			
5m	127890	164-1278●			

HDMI Male/Male A Type Leads

pro-SIGNAL

- HDMI (High-Definition Multimedia Interface) cables, allows a connection of 2 HDMI connector digital devices (satellite receiver for example)
- Supports bi-directionnal transfer Video + Audio
- HDMI A type 19-pin connectors
- Available in 1.8m, 3m, 5m, 10m length

527802

Cable length	Order Code	Price Each 1+	5+	10+
1.8m	164-1273●			
3m	164-1274●			
5m	164-1275●			

HDMI cables - A type HQ version 1.3 Full HD

pro-SIGNAL

- HDMI 1.3 cables
- Ideal for connecting DVD HD or video games to a FULL HD screen
- Gold connector
- Shielded
- 2 ferrites
- AWG 28 cable
- Available in different lengths: 1.2m, 1.8m, 3m et 5m

528306

Length	Mftr List No.	Order Code	Price Each 1+	5+	10+
1.8m	128150	168-3103●			
3m	128160	168-3104●			
5m	128170	168-3105●			

Leads - continued

HDMI flat cables - A type 1.3 Full HD version SPC pro-SIGNAL

- HDMI 1.3 flat cables
- Ideal for connecting DVD HD or video games to a FULL HD screen
- Gold connector
- Shielded
- 2 ferrites
- AWG 28 cable
- Available in different lengths: 1.2m, 1.8m, 3m et 5m

528307

Length	Mfter List No.	Order Code	Price Each		
			1+	5+	10+
1.2m	128230	168-3106●			
1.8m	128240	168-3107●			
3m	128250	168-3108●			
5m	128260	168-3109●			

Cable Assemblies Clever Little Box

NEW

A range of Display port to HDMI and DVI converters.

186-7768   186-7769

Connector Type	Convert From Connector	Gender	Convert To Connector	Gender	Mftrs. List No.	Order Code
DVI	DisplayPort	Plug	DVI	Receptacle	CVT01-04CA0205	186-7768
HDMI	DisplayPort	Plug	HDMI	Plug	CVT01-03CA0205	186-7769

625915

Order Code	1+	10+	25+	50+
186-7768●				
186-7769●				

Cable Assemblies Clever Little Box

NEW

High quality HDMI 1.4 cables.

Cable Length	Cable Type	Connector Type A	B	Colour	Mftrs. List No.	Order Code
1m		HDMI Plug	HDMI Plug	Black	STA-5010-1M	186-7770
3m		HDMI Plug	HDMI Plug	Black	STA-5010-3M	186-7771
5m		HDMI Plug	HDMI Plug	Black	STA-5010-5M	186-7772
10m		HDMI Plug	HDMI Plug	Black	STA-5010-10M	186-7773

625916

Order Code	1+	10+	25+	50+
186-7770●				
186-7771●				
186-7772●				
186-7773●				

Mini HDMI - HDMI Leads Clever Little Box

NEW

Connects the Mini HDMI socket on a compatible camera/recorder to the HDMI port on a LCD / Plasma TV or projector.

Cable Length	Cable Type	Connector Type A	B	Colour	Mftrs. List No.	Order Code
1m		Mini HDMI Plug	HDMI Plug	Black	STA-201A-CC -1M	186-7779
3m		Mini HDMI Plug	HDMI Plug	Black	STA-201A-CC -3M	186-7780
5m		Mini HDMI Plug	HDMI Plug	Black	STA-201A-CC -5M	186-7781

625920

Order Code	1+	10+	25+	50+
186-7779●				
186-7780●				
186-7781●				

Mini HDMI - Mini HDMI Leads Clever Little Box

NEW

Ideal for home camcorders and other devices.

Cable Length	Cable Type	Connector Type A	B	Colour	Mftrs. List No.	Order Code
1m		Mini HDMI Plug	Mini HDMI Plug	Black	STA-201A-AC -1M	186-7776
3m		Mini HDMI Plug	Mini HDMI Plug	Black	STA-201A-AC -3M	186-7777
5m		Mini HDMI Plug	Mini HDMI Plug	Black	STA-201A-AC -5M	186-7778

625919

Order Code	1+	10+	25+	50+
186-7776●				
186-7777●				
186-7778●				

Articulated HDMI A/A SPC pro-SIGNAL

- Meets 1.3 standards
- Entirely numerical to transmit the quantified flows not compressed up to 340 Mpixel/s (10.2 Gb/s)
- Gold plated connectors, ensure a perfect contact (0 oxidation).
- Support of audio stream of very high-quality - without loss of quality (lossless) - such as Dolby TrueHD and the DTS-HD Audio Master
- Articulated connectors, the rotary head swivels of 90° on each side to form a right angle
- Available in different lengths: 1m, 1.8m et 3m

545040

Length	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
1m	128190	176-0254●			
1.8m	128191	176-0255●			
3m	128192	176-0256●			

Articulated HDMI male/female adaptor SPC pro-SIGNAL

- Ideal for connecting HDMI devices with restricted access
- HDMI 1.3 adaptor
- 180° orientable

545039

Description	Mfter Part No.	Order Code	Price Each		
			1+	5+	10+
Articulated HDMI adaptor	128290	176-0260●			

Adaptors

DVI to VGA Converter SPC pro-SIGNAL

NEW

A DVI-I male to VGA female converter.

630312

Mftrs. List No.	Order Code	Price Each	
		1+	5+
PSG90338	188-9737		

RoHS ● Compliant ▲ Non-compliant

DVI to HDMI Adaptor

akasa.

NEW

- DVI to HDMI adaptor
- DVI male to HDMI female connections
- Gold plated connectors

629072

Mftrs.		Price Each
List No.	Order Code	1+
AK-CBHD03-BK	**188-9763**	

HDMI Female - Female Gender Changer

SPC pro-SIGNAL

NEW

HDMI Female to Female connector for joining HDMI cables together.

650647

Mftrs.		Price Each	
List No.	Order Code	1+	5+
PSG90336	**188-9736**		

DisplayPort to DVI Adaptor

SPC pro-SIGNAL

NEW

- Adaptor allowing the connection of a PC with DisplayPort socket to a DVI enabled monitor
- DisplayPort male to DVI-I female

643587

Description	Order Code	Price Each	
		1+	5+
DisplayPort Male-DVI Female Adaptor	**196-1438**		

Display Port Adaptors

Clever Little Box.

NEW

186-7760   186-7761

186-7762   186-7764

A range of Displayport adaptors , converting your digital display port signal to HDMI, DVI, VGA.

Connector Type	Convert From Connector	Gender	Convert To Connector	Gender	Mftrs. List No.	Order Code
Video	DisplayPort	Plug	VGA	Receptacle	CVT01-05AA0201	186-7760
DVI	DisplayPort	Plug	DVI	Receptacle	CVT01-04CA0203	186-7761
HDMI	DisplayPort	Plug	HDMI	Plug	CVT01-03CA0203	186-7762
VGA	DisplayPort	Plug	VGA	Receptacle	CVT01-05CA0203	186-7764

625906

Order Code	Price Each			
	1+	5+	10+	50+
186-7760●				
186-7761●				
186-7762●				
186-7764●				

Mini Display Port Adaptors

Clever Little Box.

186-7765   186-7766

186-7767

A range of mini display port adaptors.

NEW

Connector Type	Convert From Connector	Gender	Convert To Connector	Gender	Mftrs. List No.	Order Code
DVI	Mini DisplayPort	Plug	DVI	Receptacle	CVT02-04CA0202	186-7765
HDMI	Mini DisplayPort	Plug	HDMI	Plug	CVT02-03CA0202	186-7766
VGA	Mini DisplayPort	Plug	VGA	Receptacle	CVT02-05CA0202	186-7767

625914

Order Code	Price Each			
	1+	5+	10+	50+
186-7765●				
186-7766●				
186-7767●				

Network Products - Cat 5/5E/6 Leads

### Line Cords - Plug to Spade

SPC pro-SIGNAL

- A range of cords with a line plug at one end and spade terminals suitable for 3.5mm studs at the other
- Black coloured PVC outer sheathing
- Free end has individual conductors stripped back to a length of 60mm

221437

10 ft Lengths

No. of Ways/ Connections	Order Code	Price Each				
		1+	25+	50+	100+	250+
6/4	**106-329**					
6/6	**106-331**					
8/8	**106-332**					

Extension Lead
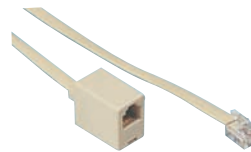
- An extension lead with male in line plugs at one end and in line coupler at the other
- Assembled using the relevant number of way cable with outer sheathing in ivory

221443

15 ft Lengths

No. of Ways/ Connections	Order Code	Price Each				
		1+	10+	50+	100+	250+
6/4	**106-326**					

Patch Leads, Coiled Cord

SPC pro-SIGNAL

- A range of coiled plug to plug leads suitable for replacement handset cords on telephones (4 way) or general leads for eliminating any unwanted trailing cable.

221436

Approx. Extended Length	Colour	Order Code	Price Each				
			1+	25+	50+	100+	250+
4 Way							
6ft.	Black	**106-313**					
12ft.	Black	**107-208**					
6 Way							
10ft.	Black	**107-212**					
8 Way							
10ft.	Black	**107-214**					

CAT 5E Cable Economiser

- Enables an additional signal to be transmitted down the unused pairs of Category 5E twisted-pair cable
- Allows expansion of an existing system without the need to disrupt the cable infrastructure

- Used in pairs, one at each end of the cabling
- Provides for instant network expansion
- Available as Data/Data, Voice/Voice and Data/Voice

Note: Although sold individually, the units must be used in pairs, with a device at either end of the cabling.

448392.433269

Description	Order Code	Price Each	
		1+	2+
Data-Data	127-9665		
Voice-Voice	127-9666		
Data-Voice	127-9667		

CAT 5E RJ45 Low Profile Patch Cables

pro-SIGNAL

- RJ45 to RJ45 UTP, Category 5E patch cables
- Low-profile moulded strain reliefs
- Able to be plugged into wall sockets etc. without the strain relief fouling on the plate
- Selection of colours and lengths available

544333.537321

Colour	Cable Length	Order Code	Price Each	
			1+	5+
White	0.5m	173-4862●		
White	1m	173-4863●		
White	2m	173-4864●		
White	3m	173-4865●		
White	5m	173-4867●		
White	10m	173-4868●		
Blue	0.5m	173-4869●		
Blue	1m	173-4870●		
Blue	2m	173-4871●		
Blue	3m	173-4872●		
Blue	4m	173-4873●		
Blue	5m	173-4874●		
Blue	6m	173-4875●		
Blue	7m	173-4876●		
Blue	10m	173-4877●		
Blue	15m	173-4879●		
Blue	20m	173-4881●		
Green	0.5m	173-4882●		
Green	1m	173-4883●		
Green	2m	173-4884●		
Green	3m	173-4885●		
Green	4m	173-4886●		
Green	5m	173-4887●		
Green	6m	173-4888●		
Green	7m	173-4889●		
Green	10m	173-4890●		
Green	15m	173-4892●		
Green	20m	173-4893●		
Grey	0.5m	173-4894●		
Grey	1m	173-4895●		
Grey	2m	173-4896●		
Grey	3m	173-4897●		
Grey	4m	173-4898●		
Grey	5m	173-4899●		
Grey	6m	173-4900●		
Grey	7m	173-4901●		
Grey	10m	173-4902●		
Grey	15m	173-4903●		
Grey	20m	173-4904●		
Red	0.5m	173-4905●		
Red	1m	173-4906●		
Red	2m	173-4907●		
Red	3m	173-4909●		
Red	4m	173-4911●		
Red	5m	173-4912●		
Red	6m	173-4913●		
Red	7m	173-4914●		
Red	10m	173-4915●		
Red	15m	173-4916●		

Colour	Cable Length	Order Code	Price Each	
			1+	5+
Red	20m	173-4917●		
Yellow	0.5m	173-4918●		
Yellow	1m	173-4919●		
Yellow	2m	173-4920●		
Yellow	3m	173-4922●		
Yellow	4m	173-4923●		
Yellow	5m	173-4924●		
Yellow	6m	173-4925●		
Yellow	7m	173-4926●		
Yellow	10m	173-4927●		
Yellow	15m	173-4928●		
Yellow	20m	173-4929●		
Black	0.5m	173-4942●		
Black	1m	173-4943●		
Black	2m	173-4944●		
Black	3m	173-4946●		
Black	4m	173-4947●		
Black	5m	173-4948●		
Black	6m	173-4949●		
Black	7m	173-4950●		
Black	10m	173-4951●		
Black	15m	173-4952●		
Black	20m	173-4953●		
Pink	0.5m	173-4930●		
Pink	1m	173-4931●		
Pink	2m	173-4932●		
Pink	3m	173-4934●		
Pink	5m	173-4935●		
Pink	10m	173-4936●		
Violet	0.5m	173-4937●		
Violet	1m	173-4938●		
Violet	2m	173-4939●		
Violet	5m	173-4940●		
Violet	10m	173-4941●		

Shielded Patch leads - CAT 5e FTP 100MHz

pro-SIGNAL

- Tested by LAN identification at 100MHz
- Shielded AWG 26/7
- Isolated contacts
- 100Ω Impedance
- Shielding with aluminium foil
- EIA/TIA 568 standards
- 15-year warranty

521497

Length	Order Code	Price Each	
		1+	5+
0.5m	164-1319●		
1m	164-1320●		
3m	164-1322●		
5m	164-1324●		
10m	164-1321●		

Cat 5E Crossover Patch Lead

pro-SIGNAL

- UTP CAT5E crossover cables
- RJ45 connectors
- Easily identified as crossover cable due to black connector boots
- Available in 2, 3 and 5m lengths

NEW

650979

Mftrs. List No.		Order Code	Price Each		
			1+	5+	10+
PS11222	2m	205-6742●			
PS11223	3m	205-6741●			
PS11224	5m	205-6743●			

Cat 6 UTP Cross Wired Cables
2996 Series

Videk

NEW

Crosswired Cat 6 manufactured using Cat.6 stranded UTP cable, the fully moulded assemblies feature high quality RJ45 connectors ensuring system quality and integrity.

Audio, Office and Electrical

46

Office – Computer Hardware, Networking & Consumables

- Fully moulded cables incorporating the use of high quality RJ45 plugs
- Manufactured using high quality 50 micron gold RJ45 plugs and UL approved Cat.6 stranded cable
- Cable specification; 24 AWG ETL verified EIA/TIA-568A Cat.6 UTP with built-in centre spine which separates out each of the 4 twisted pairs
- Designed to give quality assured, fault-free data/voice transmission within high speed Gigabit style networks
- Fully backward compatible cables with both Cat.5 and Cat.5E networks & systems
- Available in 0.5, 1, 2, 3 and 5m lengths

653258

Mftrs. List No.	Length	Order Code	Price Each 1+	5+	10+
2996-0.5X	0.5m	208-2907●			
2996-1X	1m	208-2908●			
2996-2X	2m	208-2909●			
2996-3X	3m	208-2910●			
2996-5X	5m	208-2911●			

3M CAT 5e UTP Patch Cords
Volition Series

3M

NEW

- Available in 1m, 2m, 3m and 5m lengths
- Category 5e UTP
- Polyethylene conducter insulation to NFC 32060
- LSOH outer jacket

646408

Cable Length	Mftrs. List No.	Order Code	Price Each 1+	6+	12+
1m	VOL-5EUL-L1	205-9076●			
2m	VOL-5EUL-L2	205-9077●			
3m	VOL-5EUL-L3	205-9078●			
5m	VOL-5EUL-L5	205-9079●			

3M CAT5e FTP Patch Cords
Volition Series

3M

NEW

- Available in 2m, 3m and 5m lengths
- Category 5e FTP
- Polyethylene conductor insulation to NFC 32060
- LSOH outer jacket

646428

Cable Length	Mftrs. List No.	Order Code	Price Each 1+	6+	12+
2m	VOL-5EFL-L2	205-9080●			
3m	VOL-5EFL-L3	205-9081●			
5m	VOL-5EFL-L5	205-9082●			

Patch Cables - Shielded Twisted Pair (STP)

Videk

- Approved Cat. 5E STP manufactured cable
- Wired in accordance with 258A specifications
- Fitted with moulded high quality strain relief boots
- Fully tested
- 8 way shielded 50 micron gold, RJ45 connector at each end

221581

	Order Code	Price Each 1+	10+	50+
Beige				
10m	128-3899●			
Red				
10m	128-3901●			
Green				
10m	128-3902●			

	Order Code	Price Each 1+	10+	50+
Blue				
10m	128-3903●			
Yellow				
10m	128-3904●			
Black				
10m	128-3905●			

PowerCat 5E FTP Patch

molex PREMISE NETWORKS A Division of Molex

Patch Leads:-
- Uses Cat 5E stranded 4 pair FTP cable
- RJ 45 connectors with strain relief boots

385686

Description	Order Code	Price Each 1+	10+	50+
FTP Patch Cables				
1m Grey Cable	109-4148			
2m Grey Cable	109-4149			
3m Grey Cable	109-4150			
5m Grey Cable	109-4151			
7m Grey Cable	109-4152			
10m Grey Cable	109-4153			
FTP Bulk Cable		1+	5+	
PVC Cable, 305m	864-3938			
LSZH Cable, 305m	864-3946			

Cat5e LSOH PowerCat Patch Cords

molex

NEW

- Cat5e with RJ45 to RJ45 plugs
- 4 pair 24 AWG stranded wire
- Preterminated with anti-snag slim strain relief slip on boots
- LSOH sheath
- Available in a variety of colours and lengths

647541

Description	Mftrs. List No.	Order Code	Price Each 1+	10+	50+
Grey					
0.5m	PCD-01000-0E	207-2261●			
1m	PCD-01001-0E	207-2262●			
2m	PCD-01003-0E	207-2263●			
3m	PCD-01005-0E	207-2264●			
5m	PCD-01009-0E	207-2265●			
7m	PCD-01013-0E	207-2266●			
10m	PCD-01019-0E	207-2267●			
Red					
0.5m	PCD-01000-0C	207-2268●			
1m	PCD-01001-0C	207-2271●			
2m	PCD-01003-0C	207-2272●			
3m	PCD-01005-0C	207-2273●			
5m	PCD-01009-0C	207-2274●			
10m	PCD-01019-0C	207-2275●			
Blue					
0.5m	PCD-01000-0H	207-2276●			
1m	PCD-01001-0H	207-2277●			
2m	PCD-01003-0H	207-2278●			
3m	PCD-01005-0H	207-2279●			
5m	PCD-01009-0H	207-2280●			
7m	PCD-01013-0H	207-2281●			
10m	PCD-01019-0H	207-2283●			
Green					
0.5m	PCD-0J1000-0J	207-2284●			
1m	PCD-0J1001-0J	207-2285●			
2m	PCD-0J1003-0J	207-2286●			
3m	PCD-0J1005-0J	207-2287●			
5m	PCD-0J1009-0J	207-2288●			
7m	PCD-0J1013-0J	207-2289●			
10m	PCD-0J1019-0J	207-2290●			
Yellow					

Cat5e LSOH PowerCat Patch Cords - continued

Description	Mftrs. List No.	Order Code	1+	10+	50+
1m	PCD-0K1001-0K	207-2291●			
2m	PCD-0K1003-0K	**207-2292**●			
3m	PCD-0K1005-0K	**207-2293**●			
5m	PCD-0K1009-0K	**207-2295**●			
10m	PCD-0K1019-0K	**207-2296**●			

Shielded Patch leads - CAT6 FTP 250MHz

SPC pro-SIGNAL

- Cable 6 ftp Copper 250 MHz
- Cable answering category CAT 6
- Tested to 250 MHz
- Cables in AWG 26/7
- Impedance 100 Ohms
- Connectors with gilded contacts
- Coppers conductor

- Armoured by aluminium sheet
- Wiring norms EIA/TIA 568
- PVC Scabbard
- 15 years warranty

521495

Length	Order Code	1+	5+
0.5m	**164-1314**●		
1m	**164-1315**●		
3m	**164-1317**●		
5m	**164-1318**●		
10m	**164-1316**●		

CAT 6 Extension Leads and Coupler

Videk

- Cat 6 plug to socket extension cables
- Fully tested UTP cables, wired straight through pin 1-1
- Low profile female to female coupler allows cables to be joined

448522

Description	Order Code	1+	10+	50+
1m Extension Cable	**128-3865**●			
2m Extension Cable	**128-3866**●			
3m Extension Cable	**128-3867**●			
5 m Extension Cable	**128-3869**●			
Coupler	**128-3871**●			

Flat Cat6 UTP Patch Leads

Videk

- Ideal for use in crowded environments
- Manufactured using low profile high quality connectors and flat Cat 5E approved cable
- Fully tested for purpose
- Beige coloured

448479.467055

Description	Order Code	1+	10+	50+
0.3m	**151-5103**●			
0.5m	**151-5105**●			
1m	**151-5106**●			
1.5m	**151-5107**●			
2m	**151-5108**●			
3m	**151-5109**●			

Unbooted CAT 6 Patch Leads

Videk
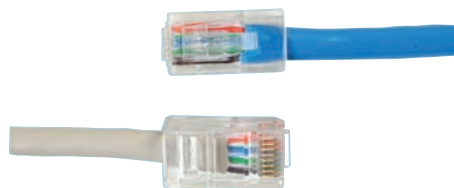
- Unbooted cables using unique off-set design RJ45 plugs for low interference
- Manufactured using high quality 50 micron gold RJ45 plugs and UL approved Cat 6 stranded cable
- 24 AWG ETL verified EIA/TIA-568A Cat 6 UTP
- Fault-free data/voice transmission within gigabit networks
- Backwards compatible with Cat 5/5e networks and systems

448526

Description	Order Code	1+	10+	50+
Beige				
0.5 m	**128-3827**●			
1 m	**128-3828**●			
2 m	**128-3829**●			
3 m	**128-3830**●			
5 m	**128-3831**●			
10 m	**128-3833**●			
15 m	**128-3834**●			
Red				
0.5 m	**128-3835**●			
1 m	**128-3836**●			
2 m	**128-3837**●			
3 m	**128-3838**●			
5 m	**128-3839**●			
10 m	**128-3840**●			
15 m	**128-3841**●			
Green				
0.5 m	**128-3842**●			
1 m	**128-3843**●			
2 m	**128-3845**●			
3 m	**128-3846**●			
15 m	**128-3849**●			
Blue				
0.5 m	**128-3850**●			
1 m	**128-3851**●			
2 m	**128-3852**●			
3 m	**128-3853**●			
5 m	**128-3854**●			
10 m	**128-3855**●			
15 m	**128-3857**●			
Yellow				
0.5 m	**128-3858**●			
2 m	**128-3860**●			
3 m	**128-3861**●			
5 m	**128-3862**●			
10 m	**128-3863**●			
15 m	**128-3864**●			

Cat.6 STP Patch Cables

Videk

- Fully moulded assemblies, tested for purpose
- Brand new range of Cat.6 shielded cables
- Manufactured using stranded foil/braid screened cable
- Available in beige only, wired pin 1 to 1 straight through
- Custom lengths not available

493352

Length	Mftrs. List No.	Order Code	1+	5+
0.5m	2992-0.5	**151-7504**●		
1m	2992-1	**151-7505**●		
2m	2992-2	**151-7506**●		
3m	2992-3	**151-7507**●		
5m	2992-5	**151-7509**●		
10m	2992-10	**151-7511**●		
15m	2992-15	**151-7512**●		

RoHS ● Compliant ▲ Non-compliant

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3M CAT6 UTP Patch Cords
Volition Series

3M

NEW

- Available in 1m, 2m, 3m and 5m lengths
- Category 6 UTP
- Polyethylene conductor insulation to NFC 32060
- LSOH outer jacket

646429

Cable Length	Mftrs. List No.	Order Code	Price Each 1+	6+	12+
1m	VOL-6UL-L1	205-9084●			
2m	VOL-6UL-L2	205-9085●			
3m	VOL-6UL-L3	205-9086●			
5m	VOL-6UL-L5	205-9087●			

3M CAT6 SFTP Patch Cords
Volition Series

3M

NEW

- Available in 1m, 2m, 3m and 5m lengths
- Category 6 SFTP
- Polyethylene conductor insulation to NFC 32060
- LSOH outer jacket

646430

Cable Length	Mftrs. List No.	Order Code	Price Each 1+	6+	12+
1m	VOL-6SSL-L1	205-9088●			
2m	VOL-6SSL-L2	205-9089●			
3m	VOL-6SSL-L3	205-9090●			
5m	VOL-6SSL-L5	205-9091●			

3M CAT6A SFTP Patch Cords
Volition Series

3M

NEW

- Available in 1m, 2m, 3m and 5m lengths
- Category 6A SFTP
- Polyethylene conductor insulation to NFC 32060
- LSOH outer jacket

646431

Cable Length	Mftrs. List No.	Order Code	Price Each 1+	6+	12+
1m	VOL-6ASFL-L1	205-9092●			
2m	VOL-6ASFL-L2	205-9093●			
3m	VOL-6ASFL-L3	205-9094●			
5m	VOL-6ASFL-L5	205-9096●			

TROUBLESHOOTING TIPS
Chat online to one of our technical engineers at **farnell.com**

Cat6 LSOH PowerCat Patch Cords

molex

NEW

- Cat6 with RJ45 to RJ45 plugs
- 4 pair 24 AWG stranded wire
- Preterminated with anti-snag slim strain relief slip on boots
- LSOH sheath
- Available in a variety of colours and lengths

647563

Description	Mftrs. List No.	Order Code	Price Each 1+	10+	50+
Grey					
1m	PCD-02001-0E	207-2229●			
2m	PCD-02003-0E	207-2230●			
3m	PCD-02005-0E	207-2231●			
5m	PCD-02009-0E	207-2232●			
10m	PCD-02019-0E	207-2234●			
Red					
0.5m	PCD-02000-0C	207-2235●			
1m	PCD-02001-0C	207-2236●			
2m	PCD-02003-0C	207-2237●			
3m	PCD-02005-0C	207-2238●			
5m	PCD-02009-0C	207-2239●			
10m	PCD-02019-0C	207-2240●			
Blue					
0.5m	PCD-02000-0H	207-2241●			
1m	PCD-02001-0H	207-2242●			
2m	PCD-02003-0H	207-2243●			
5m	PCD-02009-0H	207-2244●			
7m	PCD-02013-0H	207-2246●			
10m	PCD-02019-0H	207-2247●			
Green					
0.5m	PCD-02000-0J	207-2248●			
1m	PCD-02001-0J	207-2249●			
2m	PCD-02003-0J	207-2250●			
3m	PCD-02005-0J	207-2251●			
5m	PCD-02009-0J	207-2252●			
7m	PCD-02013-0J	207-2253●			
10m	PCD-02019-0J	207-2254●			
Yellow					
1m	PCD-02001-0K	207-2255●			
2m	PCD-02003-0K	207-2256●			
3m	PCD-02005-0K	207-2258●			
5m	PCD-02009-0K	207-2259●			
10m	PCD-02019-0K	207-2260●			

PowerCat 6 FTP Patch Cords

molex **PREMISE NETWORKS** *A Division of Molex*

- Uses shielded Cat 6 stranded 4 pair FTP cable
- PVC jacket
- RJ 45 connectors with strain relief boots and plug latch protection cap
- Strain relief boots
- Pre-terminated with WE8W shielded plugs
- ETL SEMKO Category 6 compliant

418994

Description	Order Code	Price Each 1+	5+	Description	Order Code	Price Each 1+	5+
Grey 0.5m	108-2852●			Grey 3.5m	108-2858		
Grey 1m	108-2853			Grey 4m	108-2859		
Grey 1.5m	108-2854			Grey 5m	108-2860		
Grey 2m	108-2855			Grey 7m	108-2862		
Grey 2.5m	108-2856			Grey 8m	108-2864		
Grey 3m	108-2857			Grey 10m	108-2866		

Network Products - Patch Panels & Cable Management

24 Port Feedthrough Patch Panel

SPC pro-SIGNAL

- For easy connection/disconnection of portable or external equipment
- Feedthough (also known as double sided or back to back) sockets
- 24-port with printed numbers
- CAT5E and CAT6, shielded or unshielded couplers available

448391.433323

Description	Order Code	Price Each 1+	3+
Couplers			
CAT5E Unshielded	127-9669		
CAT5E Shielded	127-9670		

3M Keystone Patch Panel
Volition Series

3M

NEW

Keystone patch panel complete with 32 RJ45 in 1U, provides more ports within the same space than standard, as well as offering a suitable solution for high density application and easy standard panel management.

- High performance patch panel complete with high density modular concept
- Direct, individual earthing connection upon jack insertion
- Increased EMC protecion, minimising conducted interference
- Class EA/Cat 6A patch panels when loaded with RJ45 K6ASE jacks
- Increased dust protection during installation and within dirty enviroments

646384

Mftrs. List No.	Order Code	Price Each 1+	5+	10+
VOL-PPCBHD-F32K	205-9072●			

3M RJ45 Punch Down Panels - Cat 5e & 6
Volition Series

3M

NEW

Easy to use punch down panels with 24 ports in 1U, ideal for fast and reliable installation. Removable rear cable manager for strain relief and guidance of cables to a point of termination. 5e UTP and 6 UTP connections available.

- T568A or T568B wiring
- Universal application
- Terminates with LSA or 110 tools
- Removable cable retention bar for strain relief and cable guide termination

Colour	Black
Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +70°C
Humidity	Max 93% (Non condensing)

646396

LAN Category	Mftrs. List No.	Order Code	Price Each 1+	5+	10+
Cat5e	VOL-PD-CAT5E-24P	205-9073●			
Cat6	VOL-PD-CAT6-24P	205-9074●			

Unshielded Patch & Voice Panels

molex PREMISE NETWORKS A Division of Molex

PowerCat 5E Panels:-
- Available in 24 and 48 port versions with a high density 48 port version available
- PCB Mounted KATT IDC
- EIA 568B wired
- RJ45 jacks

- Standard 19" rack mountable
- Graphite grey textured finish

Cat 3, 3 Pair, Voice Panel:-
- For the termination of vertical cabling, supporting UTP, 4, 25 or 50 pair cables in a voice backbone
- For analogue or digital services supporting pairs: 1/2, 4/5 and 3/6
- PCB Mounted KATT IDC
- 50x RJ45 jacks
- Standard 19" rack mountable
- Graphite grey textured finish

221568

	Order Code	Price Each 1+	+
PowerCat 5E			
24 Port Panel (1U)	862-460		
48 Port High Density Panel (1U)	864-3954		
Cat 3, Voice			
50 Port Panel (1U)	864-3440		

24-Port CAT 6 RJ45 Patch Panel

- Unscreened 24 Port RJ45 CAT 6 patch panel
- Easily removable rear cable management bar
- Colour coded labels (T568B and T568A) and label numbers for easy wiring at rear of panel
- Accommodates LSA+ & 110 type termination tools
- Rear IDC terminations present vertically and are compatible Krone tools

Contents: Patch panel, cage nut kit, adhesive front labelling strips and numbered ports

474757.433286

Order Code	Price Each 1+	3+
135-6928●		

10/100Mbps Ethernet Switch

NEW X

NEW

5 Port Ethernet switch ideal for expanding the home or office network

- Auto-negotiating 10/100 RJ45 ports
- Supports auto-MDI/MDI-X
- Flow control for Full Duplex and Half Duplex modes
- MAC address auto-learning and auto-aging
- LED Power/status indicators

Contents: Switch, ac adaptor and user guide

650478

Mftrs. List No.	Order Code	Price Each 1+
NLHUB-905A	194-7857●	

24-Port Ethernet Switch

NEW X

NEW

Compact, high performance network switch with a simple plug and play connection set up.

- 24x 10/100 RJ45 ports with Auto-MDI/MDIX support
- IEEE 802.3 and 802.3u compliant
- Auto Negotiation for Full and Half Duplex modes
- Easy network expansion; uplink from any port
- Supplied with UK power supply

- Robust metal housing with LED status indicators
- Brackets to fit 1U 19" rack included
- Dimensions (HxWxD): 45x286x136mm
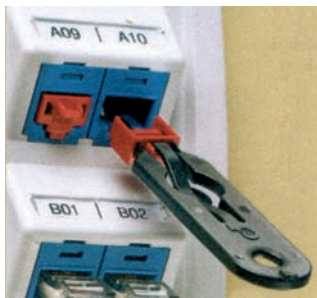
650474

Mftrs. List No.	Order Code	Price Each 1+
NLHUB-924	194-7856●	

RoHS ● Compliant ▲ Non-compliant

Network Products - Outlet Sockets

RJ45 Blockout Device

PANDUIT

- Simple and secure method to control access to RJ45 ports
- Save time and money by preventing security breaches and associated downtime
- Device snaps into RJ45 jacks and is released only by the included removal tool
- Compatible with most RJ45 sockets
- Use on wall sockets and PC or notebook sockets

443333

Description	Order Code	Price Each	
		1+	5+
10 Plugs 1 Tool			
Red	**124-2819**		
Black	**124-2824**		

RJ45 Wall Outlets

AMP NETCONNECT
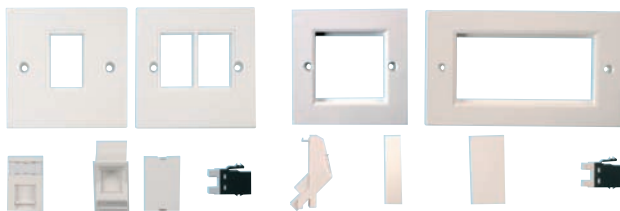
CAT 5E Euro   **CAT 6**

Category 5E and 6 modular jacks
- Connector modules are supplied seperately
- Connectors are AMP modular jacks with 110 IDC connection blocks
- Wires are punched down using a suitable IDC tool- see 138-9229
- All faceplates are supplied unloaded, CAT 6 are 86x86mm with 1 or 2 modules, CAT 5E are 86x86mm (2 modules) or 148x86mm (4 modules)

484205

	Order Code	Price Each		
		1+	10+	50+
CAT 6				
CAT 6 UTP Jack	**138-9222**●			
CAT 5E Euro				
CAT5E UTP Jack	**138-9228**●			
Fixing Tool	**138-9229**			

BASIX Cat.5E Wall Faceplates

Videk

- Ready-made Cat.5E approved faceplates
- Industry standard design, competitively priced
- Manufactured using quality UTP jacks & IDC style blocks with traditional punch down termination
- Ideal for most current network requirements

493432

Description	Mftrs. List No.	Order Code	Price Each	
			1+	5+
CAT5e UTP Single Face Plate	8610E	**151-7517**●		
CAT5e UTP Double Face Plate	8611E	**151-7518**●		
CAT5e UTP Quad Face Plate	8612E	**151-7519**●		

Euromod Modular Outlets - Copper and Fibre

molex PREMISE NETWORKS

- Flexible outlet system
- Allows various voice and data modules to be snapped into standard size aperture
- Modules have integral IDC blocks
- Single and double face plate options accept two or four 25mm wide modules
- Modules can be changed as requirements change
- Face plates fit standard BS1363 boxes

221574

	Order Code	Price Each	
		1+	10+
Single Face Plate 86 x 86 x 10mm	**292-990**		
Double Face Plate 86 x 145 x 10mm	**293-003**		
RJ45 Angled/Shuttered Module CAT 5E UTP	**308-4590**		
RJ45 CAT5E UTP Shuttered Module	**176-0261**		
RJ45 CAT 5E FTP Module	**864-3989**		
Single Blank Plate	**293-088**		
B.T. Secondary Module	**862-599**		
B.T. PBX Master Module	**862-605**		

Power Cat 5e Fixed Wall Plates
KATT IDC

molex PREMISE NETWORKS A Division of Molex
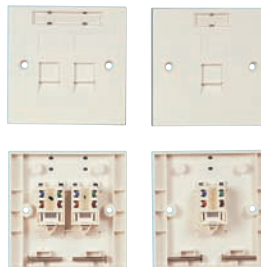
- UK standard 86 x 86mm fascia
- Enhanced performance RJ45 RJLP connector
- Spring loaded shutters
- 568B wired
- UTP and FTP versions

221572

	Order Code	Price Each	
		1+	10+
UTP			
1 Port Fixed Shuttered UTP Wallplate	**862-630**		
2 Port Fixed Shuttered UTP Wallplate	**546-070**		
FTP			
1 Port Fixed Shuttered FTP Wallplate	**864-4004**		
2 Port Fixed Shuttered FTP Wallplate	**864-4012**		

Surface Sockets
Screw Termination

PRO-SIGNAL
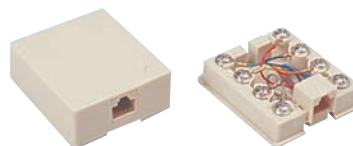
	Wire Colour	
Plug	6 Way	8 Way
1	-	Blue
2	White	Orange
3	Black	Black
4	Red	Red
5	Green	Green
6	Yellow	Yellow
7	Blue	Brown
8	-	Grey

- Available in 6/4, 6/6 and 8/8 way options
- Units are suitable for round or flat cable entry
- Screw terminations accept 3-3.5mm spade terminals or bare wire
- Sockets are also provided with 2 22mm No6 wood screws for mounting the base unit

Colour: Beige

221439

No of Ways/ Contacts	Order Code	Price Each				
		1+	25+	50+	100+	250+
6/464	**454-461**					
6/666	**454-473**					
8/888	**454-485**					

CAT5E RJ45 Wiring Box

- Connection box for 4 twisted cable pairs for use in CAT 5/4/3 applications
- Unshielded
- Ideal for custom wiring or converting between different system wiring specifications

443149.435505

Colour	Order Code	Price Each	
		1+	10+
Black	**125-6115**●		
White	**125-6114**●		

Printers

Impact Printer Mechanisms

Miniature impact printer mechanisms use solenoid driven needles and an ink ribbon to mark a series of dots onto plain paper rolls.

Interfaces are available to control this process, by generating text and graphics, and allow connection to a microprocessor or PC port. Evaluation kits include a printer, interface board, 2 ink ribbons, 4 paper rolls and full connection data.
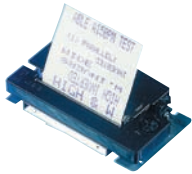
- Impact devices use globally available plain paper rolls and ink ribbon cartridges
- Multiple copy printing is possible with special paper
- The printout from impact devices is more resilient to mechanical marking and UV light than thermal print

234100

16,24 and 40 Column Impact Type
M150 Series

EPSON

- Low power impact printer range
- 5V DC operation
- Choice of 2 paper widths

Specification:	M150	M160	M164
Order Code	308-122	308-134	308-146
Printer type	16 column impact	24 column impact	40 column impact
Print speed	1 line/sec	0.7 lines/sec	0.4 lines/sec
Weight	60g	75g	75g
Paper width	44mm	57mm	57mm
Operating voltage	5V dc	5V dc	5V dc
Current consumption	1A peak	1A peak	1A peak
Operating temperature		0 to +50°C	
Dimensions	H=12.8, W=73.4, D=42.6		H=12.8, W=91, D=42.6

234179

Printers	Mftrs. List No.	Order Code	1+	5+	25+	50+
16 Column	M150	308-122●				
24 Column	M160	308-134●				
Consumables						
Ribbon for M160/M164 (Black)		440-8172●				
			1+	3+		
Paper roll for M160/M164 (x 20)		101-3721				

Panel Mounting Impact Type
Ap24 Series

ASL

- Attractive design offering proven reliability
- Utilising Epson impact dot matrix printer mechanisms
- Value-for-money solution to a wide range of industrial data logging and automatic test equipment applications
- Industry standard panel cutout dimensions makes it easy to design in
- Choice of printing formats and interface type
- Readily obtainable, low cost consumables (standard tally roll paper and popular ink ribbon cassette
- Front access makes paper and ink ribbon changing easy

W = 113.5 H = 66 D = 96
Panel cut out =109 x 62 Panel thickness = 2 min and 4.5 max

Specification:	Ap24XS	Ap24XS40	Ap25-24
Order Code	391-6030	391-6042	391-6054
Printer type	24 column impact	40 column impact	24 column impact
Print speed	2.5 lines/sec	1.7 lines/sec	0.7 lines/sec
Weight inc paper roll	395g	395g	391g
Dots per line	144	240	144
Paper width	57mm	57mm	57mm
Operating voltage	5V dc	5V dc	5V dc
Current consumption	5A peak	5A peak	1A peak
Integrated interface	Serial RS232C	Serial RS232C	Parallel/serial TTL
Operating temperature		0 to +50°C	

234099

Printers	Mftrs. List No.	Order Code	1+	10+	25+	50+
03-AP24XS		391-6030●				
03-AP24XS40		391-6042●				
03-AP25-24		391-6054●				
Black Ink ribbon		440-8172●				
			1+	3+		
Paper roll (x 20)		101-3721				

Panel Printer
AP1200

ASL

- Compact and stylish
- Easy paper-load system
- High speed and high quality fixed head mechanism
- 5V or 12V versions available
- Ideal for data recording applications
- Strong polycarbonate case

AP1200: H=67, W=115, D=104mm
AP1200-12V: D=112mm

Specification	AP1200	AP1200-12V
Print Method		Fixed head thermal
Number of columns		32 (default), 24 or 42
Print Speed	13 lines/sec (default character size)	50mm/second
Paper Width (mm)		57.5 ± 0.5
Dots per line		384 (8dots/mm)
Power Supply	5V to 8.5Vdc	12V ± 10%
Weight (including paper)	315g	390g

419115

	Mftrs. List No.	Order Code	1+	5+	10+
AP1200		109-5840●			
AP1200-12V		109-5841●			
Paper Roll, 22m		109-5842			

Battery Operated Portable

Maxatec

- Battery operated hand held miniature printer
- Epson 'PU' series of impact printer mechanisms, 24 and 40 column printing at various print speeds of up to 2.5 lp
- Dot addressable graphics, double width, double height printing
- Integral re-chargeable batteries, mains adaptor/charger is availabl
- Communication via serial RS232C

H=93, W=106, D=209

Parameters set externally using 'line feed' and 'on-line' buttons, eliminating the need for DIP switch
Ideal for a wide range of portable as well as static applications

Mftrs. List No.	Interface	Columns	Speed	Order Code
1012-0100-R	Serial	24	2.5	132-3436
1014-0100-R	Serial	40	1.8l	132-3438

206035

	Order Code	1+	5+
Serial printer, 2.5 lps	132-3436●		
Serial printer, 1.8 lps	132-3438●		
Battery charger, UK version	132-3442●		
Battery charger, European version	132-3443●		

	Order Code	1+	20+	60+	120+	240+
Paper roll, 30m	231-952					

	Mftrs. List No.	Order Code	1+	5+	25+	50+
Black Ribbon	IRC160B	440-8172●				

Modular Printing System
Ap800 Series

NEW **ASL**

- Impact or thermal printing
- Powered by NiCad battery, mains power supply or from a vehicle (12V system)
- Sits on a desktop, counter or mounts on a wall or vehicle dashboard
- Uses Epson impact dot matrix or fixed head thermal head print mechanism
- Advanced software control
- Text and graphic printing capability
- Easy maintenance
- Data buffer and print spooling to speed up processing

W = 82 D = 158 H = 104

Modular printing system offering the benefits of desktop, portable or in vehicle uses.
Choice of impact or high speed thermal printing technologies, standard RS232C interface.

Specification:	Ap863
Order Code	**391-6080**
Printer type	24, 32 or 42 column thermal
Print speed	10 lines/sec
Weight	640g including 48mm paper roll & battery pack
Power option 1	Battery pack + charger (UK, Euro & USA versions)+ data/charger cable
Power option 2	AC Mains adapter (110 to 230V input) + data cable + mains lead
Consumables	Paper roll **177-306** Ink ribbon **308-213** Paper roll **391-6170**

Power Option 4: The AP890 & AP892 require an external dc supply capable of delivering a peak current of 5A. The positive connection should be protected with a 7A fuse.
The AP863 requires the external supply to be capable of delivering a peak current of 10A. The positive connection should be protected with a 10A fuse.

234098

	Mftrs. List No.	Order Code	1+	Price Each 10+	25+	50+
Printer Options						
24, 32, or 42 Col Thermal Ap863		**391-6080**●				
Power Options						
Mains Adapter - Requires input lead		**170-3646**●				
Cables						
OEM Data & power socket.						
2M open ended		**391-6145**●				
9 way D type & power socket. 1.2M		**391-6157**●				
Mains Leads			1+			
UK plug - black -2M		**112-4388**●				
Euro plug - black -2M		**841-614**				
Consumables			1+	20+	60+	120+
Black Ink ribbon		**440-8172**●				
Thermal paper roll		**391-6170**				
			1+	5+	10+	
Trickle Charger	BC801V2 NEW	**185-3436**●				

Portable Stand Alone Thermal Printer

SII ● Seiko Instruments GmbH

- Low cost high specification stand alone thermal printer
- Eliminates the need for maintenance and ribbons
- Suits wide range of static and portable applications
- Max printing speed 52.5 characters per second on 112mm paper
- Both RS232 serial and centronics parallel interface built in as standard
- Low noise non impact printing
- Optional rechargeable Ni-MH battery pack offering 3000 lines of character printing
- Built in 28K Byte buffer memory reducing printer time
- Optional full portability and graphic printing feature
- Compact low weight. Dimensions 170 x 160 x 66.5mm

206020

Description	Order Code	Price Each 1+
Printer	NEW 185-4807●	
Thermal Roll	342-1272	

Serial Cards - ExpressCard

ExpressCard Serial Cards
RS232

brainboxes

- Low cost competitive range utilising USB technology
- One or two RS232 serial ports with 9 pin D connector
- FIFO: 128 byte Tx & 256 byte Rx with user definable trigger level (2 port) 384 byte Rx
- Baud rates up to 921,600
- ExpressCard/34 socket size
- Data bits 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1 or 2
- Flow control RTS/CTS DSR/DTR Xon/Xoff
- Tr/Rx modes: point to point
- Bus: USB 2.0 low & full speeds (virtual com port creation)
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit
- Lifetime warranty and lifetime support

NB - A 34mm to 54mm adaptor is now available for laptops with a wider 54mm Express-Card slot

492660

	Mftrs.		Price Each	
Description	List No.	Order Code	1+	3+
ExpressCard 1 Port RS232	VX-001	**151-7849**●		
ExpressCard 2 Port RS232	VX-012	**209-6359**●		
Replacement Cable	VX-045	**167-5946**●		
32 to 54mm ExpressCard Adaptor	VX-056	**175-6319**●		

ExpressCard Serial Cards
RS422/485

brainboxes

- Low cost competitive range utilising USB technology
- One or two RS422/485 serial ports with 9 pin D connector
- FIFO: 128 byte Tx & 256 byte Rx with user definable trigger level (2 port) 384 byte Rx
- Baud rates up to 921,600
- ExpressCard/34 socket size
- Data bits 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1 or 2
- Flow control: RTS/CTS DSR/DTR Xon/Xoff
- TxRx modes: full duplex half duplex autogating
- Bus: USB 2.0 low & full speeds (virtual com port creation)
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003 2008: 32 & 64 bit
- Lifetime warranty and lifetime support

NB - A 34mm to 54mm adaptor is now available for laptops with a wider 54mm Express-Card slot

492664

	Mftrs.		Price Each	
Description	List No.	Order Code	1+	3+
ExpressCard 1 Port RS422/485	VX-023	**151-7852**●		
ExpressCard 2 Port RS422/485	VX-034	**209-6360**●		
Replacement Cable	VX-045	**167-5946**●		
32 to 54mm ExpressCard Adaptor	VX-056	**175-6319**●		

Serial ExpressCard
LPT

NEW   **brain**boxes

- One port LPT with 25 pin parallel port D-sub female connector
- FIFO: 256 byte Tx & 256 byte Rx
- Baud rates up to 921,600
- ExpressCard/34 socket size
- Data bits 5, 6, 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1 or 2
- Tr/Rx modes: point to point
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit
- Lifetime warranty and lifetime support

629414

Mftrs.		Price Each
List No.	Order Code	1+
XC-157	**189-1132**	

ExpressCard
LPT + RS232

NEW   **brain**boxes

- One RS232 serial port and one printer port with DB9 & DB25 female connectors
- FIFO: 256 byte Tx & 256 byte Rx
- Baud rates up to 921,600
- ExpressCard/34 socket size
- Data bits 5, 6, 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1 or 2
- Tr/Rx modes: point to point
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit
- Lifetime warranty and lifetime support

Serial Cards - ExpressCard - continued

ExpressCard - continued

LPT + RS232 - continued

629416

Mftrs.		Price Each
List No.	Order Code	1+
XC-475	189-1135	

Serial Cards - PCI

ExpressCard PCIe
RS232

NEW

brainboxes

- One port RS232 with DB9 male connector
- FIFO: 256 byte Tx & 256 byte Rx
- Baud rates up to 921,600
- ExpressCard/34 socket size
- Data bits 5, 6, 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1 or 2
- Tr/Rx modes: point to point
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit
- Lifetime warranty and lifetime support

629415

Mftrs.		Price Each
List No.	Order Code	1+
XC-235	189-1134	

PCI Serial Cards
RS232

SPC pro-SIGNAL

- Standard RS232 serial COM ports
- PCI Available with Parallel LPT port option
- 32 bit PCI bus - plug & play
- PCI 2.3 compliant
- 16 Byte transmit and receive FIFO
- Supports bot 3.3V/5V standards
- UART: 16550
- 115,200 max baud rate
- Supports Win 2000/XP/2003/Vista
- Contents: Card, test software and user guide

PCI Cards

649893

Mftrs Part No.	Description	Order Code	Price Each
			1+
PPC202	PCI Serial Card, RS232, 1 port	186-7861	
PPC203	PCI Serial Card, RS232, 2 ports	186-7862	
PPC204	PCI Serial Card, RS232+1, 1 port	186-7863	
PPC205	PCI Serial Card, RS232, 4 ports	186-7864	

Universal PCI LPT Cards

brainboxes

- One parallel LPT port available in either standard height or low profile versions, fitted with 25 way female 'D' connector
- Fully Plug and Play compatible - automatic card configuration ensures conflict free installation
- Universal PCI - works with both 5V and the newer 3.3.V standards
- Uses Brainboxes BB16PCI958 UART
- Bi-directional data transfer facility
- Windows 95/98/ME/NT and Linux
- Microsoft signed drivers for Windows 2000, 32&64 bit XP/Vista/Server 2003/Server 2008/Windows 7
- PCI 3.0 bus compliant
- Drivers, sample programs, test and terminal software and manuals supplied on CD
- Lifetime warranty

382586

Description	Order Code	Price Each
		1+
Standard LPT Card (UC-146)	120-3542●	
Low Profile LPT Card (UC-157)	120-3543●	

TROUBLESHOOTING TIPS

Chat online to one of our technical engineers at **farnell.com**

Universal PCI Low Profile 1+1xPort RS232 / 1+1xRS232 + LPT
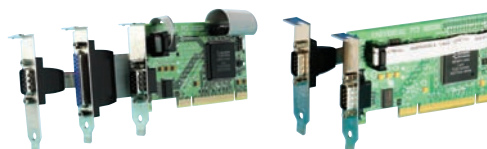
brainboxes

120-3508   120-3541

- 2 cards with 2xRS232 with option for additional LPT parallel port
- Low profile
- Brainboxes B16PC1958 UART with 128 Byte FIFO
- Universal PCI. Operates in both 5V and the newer 3.3V PCI standard
- Up to 115200 Baud
- Microsoft signed drivers for Windows 2000, 32 and 64 bit XP/Vista/Server 2003/Server 2008/Windows 7
- Windows 95/98/ME.NT and Linux
- Designed for small form factor, space constrained PCs
- 3.0 PCI Compliant
- Lifetime warranty
- Contents: Card, adaptor cable, CD with drivers, sample programs and manuals

415820

Description	Mftrs. List No.	Order Code	Price Each
1+1 x RS232 + LPT	UC-203	120-3508●	
1+1 x RS232	UC-101	120-3541●	

Universal Single/Dual Port RS232 Cards

brainboxes

- Series of 1 or 2 port, PCI, Serial cards
- The single port card is also available in a low profile version
- Full PCI bus - auto configuration of interrupts and addresses
- Brainbox B16PCI958 UART with 128 byte FIFO
- Comprehensive manuals supplied on CD-ROM
- Universal PCI - works with both 5V and 3.3V standards
- PCI 3.0 compliant
- Windows 95/98/ME/NT and Linux
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Lifetime warranty

221596

Description	Mftrs. List No.	Order Code	Price Each	
			1+	3+
2x9pin	UC-257	120-3512●		
1x9pin	UC-246	101-6323●		
1x9pin (Low Profile)	UC-235	120-3513●		

Universal PCI, 3/4 Port RS232 Cards

brainboxes

- Low cost versions of Multi-Port RS232 cards
- Available with 3 or 4 ports (4th on supplied header cable)
- Full PCI bus - auto configuration of interrupts and addresses
- Works with both 5V and the newer 3.3V standards
- Shared interrupt by default
- Brainboxes B16PCI9458 UART with 64 byte FIFO (up to 115200 Baud)
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Windows 95/98/ME/NT and Linux
- Comprehensive manuals supplied on CD-ROM
- PCI 3.0 compliant
- Lifetime warranty

221594

Description	Mftrs. List No.	Order Code	Price Each	
			1+	3+
PCI 3 Port Card	UC-431	120-3518●		
PCI 3+1 Port Card	UC-420	120-3519●		

RoHS ● Compliant ▲ Non-compliant

Universal PCI 4 Port RS232 With CTS & RTS Lines
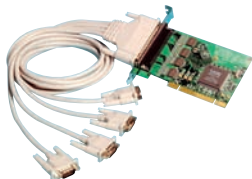
brainboxes

NEW

- Universal PCI providing RS232 with Opto Isolation on Tx, Rx, CTS & RTS lines
- 4 port RS232 and PCI 3.0 with DB9 male connector
- FIFO: 128 byte Tx & 128 byte Rx
- Baud rates up to 921,600
- Lifetime warranty and lifetime support
- Data bits 5, 6, 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1, 1.5 or 2
- Tr/Rx modes: point to point
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit

630560

Description	Mftrs. List No.	Order Code	Price Each 1+
LP uPCI 4 port RS232 Opto Isolated Tx, Rx, CTS & RTS	UC-061	**189-1130**	
uPCI 4 port RS232 Opto Isolated Tx, Rx, CTS & RTS	UC-083	**189-1131**	

Universal PCI 4 Port RS232 Cards

brainboxes

- Brainboxes B16PCI958 UART with 64 byte FIFO (up to 115200 baud)
- Works with both 5V and 3.3V standards
- Full PCI bus - auto configuration of interrupts and addresses
- Windows 95/98/ME/NT and Linux
- Microsoft signed drivers for Windows 2000, 32&64 bit XP/Vista/Server 2003/Server 2008
- Fully moulded cable with 4 x 9 or 4 x 25 way male 'D' connectors
- Comprehensive manuals supplied on CD-ROM
- PCI 3.0 compliant
- Plug and Play compatible
- Lifetime warranty

221593

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
4 x 9 pin connector	UC-268	**120-3516**		
4 x 25 pin connector	UC-265	**120-3517**		

Universal PCI 8 Port RS232 Cards
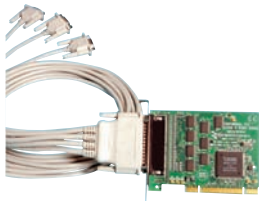
brainboxes

- Brainboxes B16PCI958 UART with 32 byte FIFO (up to 115200 baud)
- Works with 5V and the newer 3.3V standards
- Full PCI bus - auto configuration of interrupts and addresses
- Windows 95/98/ME/NT and Linux
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Fully moulded cable with 8x9 way male 'D' connectors
- Comprehensive manuals supplied on CD-ROM
- PCI 3.0 compliant
- Plug and Play compatible
- Lifetime warranty

221592

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
8 x 9 pin	UC-279	**120-3515**		

IMPROVED BACK ORDER DELIVERY

Receive email updates with the exact status, due date and despatch information of all your back order items **farnell.com**

Universal PCI RS232 & RS422/485 Card

brainboxes

- PCI 1 x RS232 and 1 x RS422/485 Card
- Half size card provides one RS232 and 1 RS422/485 serial port with 9 pin D connectors
- PCI 3.0 compliant
- Plug and play PCI interface
- Brainboxes B16PCI958 UART
- 128 byte FIFO buffer
- Autogating for efficient use in RS485 half duplex mode under multi-tasking operating systems
- Informative manuals and sample programs are supplied with full source code on CD
- Supports both 5V and the newer 3.3V standards
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Windows 95/98/ME/NT and Linux
- Lifetime warranty

233459

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
PCI 1 x RS232 & 1 x RS422/485	UC-357	**120-3527**		

Universal PCI 1/2 Port Velocity RS422/485

brainboxes

- Single and dual port cards with 9 pin 'D' connectors
- Low profile version available for single port card
- Opto isolated version available for dual port card
- Microsoft signed drivers for Windows 2000, 32&64 bit XP/Vista/server 2003
- RS 422/485 port has on board termination resistors with fail safe protection
- R x D±/T x D± multiples jumpers for RS485
- Auto gating, automatically detects start/stop of data transmission
- Works with both 5V and 3.3V standards
- Brainboxes B16PCI958 UART, 128 byte FIFO
- PCI 3.0 compliant
- Lifetime warranty

221590

Description	Mftrs. List No.	Order Code	Price Each 1+
PCI Dual Port	UC-313	**120-3521**	
PCI Dual Port, Opto Isolated	UC-310	**120-3520**	
PCI Single Port	UC-324	**120-3522**	
PCI Single Port, Low Profile	UC-320	**120-3523**	

Universal PCI 4 Port Opto Isolated Tx Rx RS232

brainboxes

NEW

- 4 port RS232 and PCI 3.0 with DB9 male connector
- FIFO: 128 byte Tx & 128 byte Rx
- Baud rates up to 921,600
- Lifetime warranty and lifetime support
- Data bits 5, 6, 7 or 8
- Parity odd, even, none, mark or space
- Stop bits 1, 1.5 or 2
- Tr/Rx modes: point to point
- Drivers and manuals supplied on CD Rom complete with sample programs, test & terminal software- with source code
- Microsoft signed drivers for Windows XP/Vista 32 & 64 bit editions
- Drivers for Windows Server 2003, Server 2008: 32 & 64 bit

630508

Description	Mftrs. List No.	Order Code	Price Each 1+
LP uPCI 4 Port RS232 Opto Isolated Tx Rx	UC-049	**189-1128**	
uPCI 4 Port RS232 Opto Isolated Tx Rx	UC-072	**189-1129**	

Audio, Office and Electrical

Office – Computer Hardware, Networking & Consumables

Universal PCI 4 Port Velocity Card
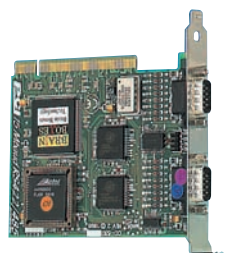**RS422/485**

brainboxes

- PCI 4 port velocity RS422/485 card
- This half size card provides four serial ports independently configurable as RS422 with and without handshaking, or RS485 full or half duplex
- PCI 3.0 compliant
- Plug and play PCI interface
- Auto configuration of interrupts and addresses
- Brainboxes B16PCI958 UART with a 64 byte FIFO
- Shared interrupt by default
- Autogating for efficient use in RS485 half duplex mode under multi-tasking operating systems
- Informative manuals and sample programs are supplied with full source code on CD
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Windows 95/98/ME/NT and Linux
- Works with both 5V and the newer 3.3V standards
- Lifetime warranty

233461

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
PCI 4 Port Velocity RS422/485	UC-346	120-3528●		

Universal PCI 4 Port Opto Velocity Card
RS422/485

brainboxes

- Half size card provides four serial ports independently configurable as RS422 with and without handshaking, or RS485 full or half duplex, with opto isolation on all RS422/485 lines
- PCI 3.0 compliant
- Plug and play PCI interface
- Opto-Isolated to ±1500V DC / 1000 V AC
- Auto configuration of interrupts and addresses
- Brainboxes B16PCI958 UART with 64 byte FIFO
- Shared interrupt by default
- Autogating for efficient use in RS485 half duplex mode under multi-tasking operating systems
- Informative manuals and sample programs are supplied with full source code on CD
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Windows 95/98/ME/NT and Linux
- Works with both 5V and the newer 3.3V standards
- Lifetime warranty

233462

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
PCI 4 Port Opto Velocity	UC-368	120-3529●		

RS422/485 Dual 15/18Mbps

brainboxes

- 2 RS422/485 serial ports running at up to 15 Mbaud or 18 Mbaud
- 128 byte FIFO on each port
- On-board zenar diodes giving transient spike protection to inputs
- Ideal for multitasking applications
- On board terminating resistors
- Full PCI bus with Plug and Play
- Full and Half Duplex Autogating
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Windows 95/98/ME/NT and Linux
- Lifetime warranty

221609

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
15 Mbaud	CC-530	120-3554●		

The first online technical portal for design engineers
Log on, research, refine and design

PCI Express LPT Port

brainboxes

- Standard and low profile versions available
- 1xLPT
- PCI Express x1, x2, x4, x8 & x16 lane slots socket size
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Microsoft signed drivers for Windows 2003, 2008, XP, Vista, 32 & 64 Bit, Windows7
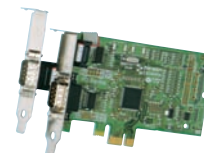- Lifetime Support
- Lifetime Warranty (registration required)

551198

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
PCI-E, LPT	PX-146	175-6311●		
PCI, LPT, Low Profile	PX-157	175-6312●		

PCI Express 1xRS232 / 1+1xRS232 / 2xRS232

brainboxes
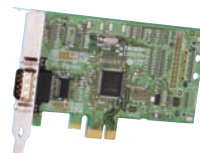
127-6168   127-6170   127-6171

- A range of 1 & 2 port RS232 PCIe serial cards in low or full height versions
- Standard 9 pin D connectors
- Installs in x1,x2, x4, x8 x16 lane slots
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008, 32&64 bit XP/Vista & Windows 7
- UL, CE, FCC & PCI Power Management
- Contents: card, drivers, sample programs and user guide
- Lifetime Warranty

551518

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
1 Port RS232, Low Profile	PX-235	127-6168●		
1 Port RS232	PX-246	127-6169●		
1+1 Port RS232, Low Profile	PX-101	127-6170●		
2 Port RS232	PX-257	127-6171●		

PCI Express 3xRS232 / 3+1xRS232

brainboxes
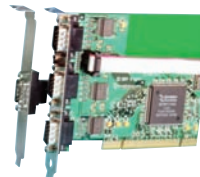
127-6173

- Low cost full height multi port RS232 serial cards PCIe
- Available as 3 or 4 port. (fourth port via fly lead from header on card)
- Standard 9 pin D connectors
- Installs in x1,x2, x4, x8, x16 lane slots
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- UL, CE, FCC & PCI Power Management
- Contents: card, drivers, sample programs and user guide
- Lifetime Warranty

551524

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
3+1 Port RS232	PX-420	127-6173●		

PCI Express 4xRS232

brainboxes

- Low Profile or Full Height 4 port RS232 serial card PCIe (express)
- Fully moulded cable with standard 9 pin D connectors
- Installs in x1, x2, x4, x8, x16 lane slots
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32 & 64 bit XP/Vista & Windows 7
- UL, CE, FCC & PCI Power Management
- Contents: card, drivers, sample programs and user guide
- Lifetime Warranty

551529

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
4 Port RS232	PX-701	127-6174●		

PCI Express 8xRS232

- 8 port RS232 serial card PCIe
- Fully moulded cable with standard 9 or 25 pin D connectors
- Brainboxes 16PC1958 Uart
- Installs in x1,x2, x4, x8, x16 lane slots
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/ Vista & Windows 7
- UL, CE, FCC & PCI Power Management
- Contents: card, drivers, sample programs and user guide
- Lifetime Warranty

551540

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
8 Port RS232, DB9 connector	PX-279	127-6176●		

PCI Express LPT + RS232 Port

- 1xLPT + 1xRS232
- PCI Express x1, x2, x4, x8 & x16 lane slots socket size
- 256 Byte Tx and 256 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Microsoft signed drivers for Windows 2003, 2008, XP, Vista, 32 & 64 Bit, Windows 7
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

551222

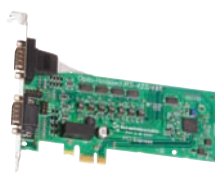| Description	Mftrs. List No.	Order Code	Price Each 1+	3+
PCI-E, LPT + RS232	PX-475	176-2967●		

PCI Express - 1 or 2 Ports
RS422/485
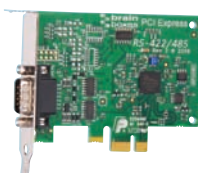
1 x RS422/485 Port   2 x RS422/485 Port   2 x RS422-485 Port, Opto Isolated

- PCI-E 1 Port RS422/485 standard / low profile height available
- PCI-E 2 Port RS422/485 with or without Opto Isolation
- Opto Isolation PX-310 +/-1500 Volt DC/1000 Volt AC
- Standard 9 pin D connectors
- 128 Byte FIFO
- Up to 961,600 Baud
- Data Bits: 5,6,7 & 8
- Stop Bits: 1, 1.5 or 2
- Parity: Odd, Even, None, Mark & Space
- Flow Control: RTS/CTS DSR/DTR XON XOFF
- Tx/Rx Modes Full Duplex, Half Duplex Autogating
- Installs in x1, x2, x4, x8, x16 lane slots
- Microsoft signed drivers 32&64 bit XP &Vista, Server2003, Server 2008, Windows 7
- Drivers for all popular operating systems
- Lifetime Warranty

548293

Description	Mftrs. List No.	Order Code	Price Each 1+
PCI-E 1 x RS422/485, Low Profile	PX-320	167-8894●	
PCI-E 2 x RS422/485	PX-313	167-8896●	
PCI-E 2 x RS422/485, Opto Isolated	PX-310	167-8897●	

PCI Express Opto Isolated RS422/485
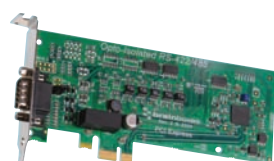
- Standard and low profile versions available
- 1 port RS422/485
- Opto Isolation ±1500VDC / 1000VAC
- PCI Express x1, x2, x4, x8 & x16 lane slots socket size
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Microsoft signed drivers for Windows 2003, 2008, XP, Vista, 32 & 64 Bit, Windows 7
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

551199

Description	List No.	Order Code	Price Each 1+	3+
PCI-E, Opto Isolated RS422/485, Low Profile	PX-376	175-6313●		
PCI-E, Opto Isolated RS422/485	PX-387	175-6314●		

PCI Express RS422/485

- PCIe 4 Port 422/485 Standard Height available with or without Opto Isolation
- Opto isolated version provides +/-1500 volts DC /1000 volts AC
- Supplied with 4x9 pin Cable Assembly
- 128 Byte FIFO
- Up to 961,600 Baud
- Data Bits: 5,6,7 & 8
- Parity: Odd, Even, None, Mark & Space
- Flow Control: RTS/CTS DSR/DTR XON XOFF
- Tx/Rx Modes Full Duplex, Half Duplex Autogating
- Installs in 1,x4,x8, x16 lane slots
- Microsoft signed drivers for Windows 2000, Server 2003 & 2008 32&64 bit XP/Vista & Windows 7
- Drivers for Windows 2000
- Lifetime Warranty
- Drivers, sample programs on CD-Rom

527079

Description	Mftrs. List. No.	Order Code	Price Each 1+	5+
4 Port RS422/485	PX-346	167-5947●		
4 Port RS422/485 Opto	PX-368	167-5949●		

Serial Cards - PCMCIA

Ruggedised & Standard PCMCIA RS232 Serial Cards

120-3547   120-3546   120-3533

- One or two RS232 serial ports with 9 pin male 'D' connectors
- Ruggedised versions, PM-143 & PM-132, is achieved by locking the cable to the card in manufacture
- Fast performance with 128 byte FIFOs and 1Mbit line drivers allowing baud rates up to 921,600 (up to 115,200 baud for Win CE)
- Shared interrupts for all ports
- Data bits: 5,6,7,8
- Stop bits: 1 or 2
- Parity: Odd, even, none, mark or space
- Sample programs, test and terminal software supplied
- Microsoft signed drivers Windows 2000, 32&64 bit XP & Vista & Windows 7
- PCMCIA bus (Type II) - fully Plug and Play
- Drivers, software and manuals supplied on CD-ROM
- Lifetime warranty

382529

Description	Order Code	Price Each 1+
1 Port PCMCIA Card (PM-143)	120-3547●	
2 Port PCMCIA Card (PM-132)	120-3546●	
1 Port PCMCIA Card (PM-020)	120-3532●	
2 Port PCMCIA Card (PM-010)	120-3533●	
Replacement cable (for standard cards)	167-5945●	

Ruggedised & Standard PCMCIA RS422/485 Serial Cards

120-3548   120-3535

- RS422 or RS485 serial ports (configurable) with 9 pin male 'D' connector
- Ruggedised version, PM-154, is achieved by locking the cable to the card in manufacture
- Fast performance with 128 byte FIFOs and 1Mbit line drivers allowing baud rates up to 921,600 (up to 115,200 baud for Win CE full duplex only)
- Onboard zenar diodes for protection (+ve spikes ≥12V, -ve spikes ≥6V) and terminating resistors with fail-safe protection
- RS485 Half duplex hardware implemented Autogating
- Wiring schemes: one talker many listeners, many talkers/listeners full and half duplex
- Data bits: 5,6,7,8
- Stop bits: 1 or 2
- Parity: Odd, even, none, mark or space

Ruggedised & Standard PCMCIA RS422/485 Serial Cards - continued

- Sample programs, test and terminal software supplied
- Microsoft signed drivers Windows 2000, 32&64 bit XP, Vista & Windows 7
- PCMCIA bus (Type II) - fully Plug and Play
- Drivers, software and manuals supplied on CD-ROM
- Lifetime warranty

382572

Description	Order Code	Price Each 1+
Ruggedised Cards		
PCMCIA RS422/485 Card (PM-154)	120-3548●	
Standard Cards		
PCMCIA 1 Port RS422/485 Card (PM-120)	120-3534●	
Replacement cable (for standard cards)	167-5945●	

Serial Comms - Converter/Line Drivers

Ethernet Converters
RS422/485 and RS232

brainboxes

Ethernet to Serial device server providing access to either 4 or 8 RS422/485 serial ports or 4 or 8 RS232 ports.

NEW

- Max baud of 230,400
- 10/100 base TX Ethernet port
- Web configuration and RFC2217 compliant interface for non-Windows users
- LED status indication
- Power supply included (power input 5-30V)
- User friendly interface, simple to use, powerful in operation
- Rugged metal enclosure

655897

Mftrs. List No.		Order Code	Price Each 1+
RS422/485			
ES-346	4 Ports	209-6361●	
ES-842	8 Ports	209-6362●	
RS232			
ES-701	4 Ports	209-6363●	
ES-279	8 Ports	209-6364●	

RS-232 to RS-422 interface converter

pro-SIGNAL

The 485-ISO interface converter allows operation in compliance with RS-485 or RS-422 equipment and RS-232. When operating as HALF duplex (2 wire or multi-drop, switch is set to T-RTS/R-/RTS position) or FULL duplex multi-drop (4 wire, switch is set to T-RTS R-ON position), the 485-ISO detect the control signal(RTS or CTS) from PC/terminal which enable the devise to output of the RS-485 line. Operating as a RS-232 to RS-422 interface converter, the 485-ISO convert full duplex data, TD and RD, between RS-232 and RS-422. As an RS-232 to RS-485 converter the 485-ISO can be configured as a 2 wires or 4 wires converter. For RS-485 half duplex (2 wires, multi-drop) or full duplex (4 wires, multi-drop) protocol, the 485-ISO can be configured to control its data flow when RTS signal is applied from the RS-232 port. An I/O selection switch allows accommodating both DTE and DCE devices. It is a very convenient for the RS-232 long distance communication.

528182

Description	Order Code	Price each 1+	5+	10+
RS-232 to RS-422 interface converter	168-3075●			

Ethernet to Serial Device Sever
RS232 + RS422/485 Ports

brainboxes
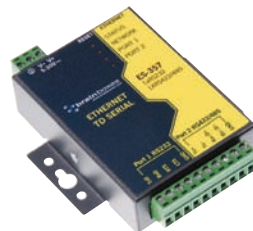
- Ethernet to Serial device server providing access to 1 x RS232 and 1 x RS422/485 port
- Up to 230,400 Baud
- 1Mbit/s line drivers deliver uncompromising performance.
- The Boost.net driver provides local COM ports allowing connection over larger distances
- Access to the device is possible via TCP/IP socket from any networked device
- Microsoft signed drivers for Windows 2000, Server 2003, Vista & XP 32 & 64 bit, Windows7
- Optional extras include UK / European power supply and a DIN-Rail mounting kit

548358

Description	Mftrs. List No.	Order Code	Price Each 1+	3+
Ethernet to Serial	ES-357	175-6309●		
DIN-Rail mounting kit	MK-048	175-6316●		
EUR power supply	PW-600	209-6366●		
Ethernet to Serial Device Server	ES-020	214-2646●		

RS232-RS422 Converter/Line Driver

GREENWICH INSTRUMENTS LTD

- Full duplex line driver
- Operates up to 2 km over twisted pair cable (extended distance possible at lower signalling speeds).
- Data only mode (two twisted pairs) and Data and handshake mode (four twisted pairs)
- DTE/DCE switch allows configuration to most asynchronous RS232 equipment without special crossover wiring configurations in cables
- External power transformer included.

Cable Parameters
Single stranded 0.5mm diameter
Min.Insulation Resistance (20°C):	50MΩ
Max. Conductor Resistance (20°C):	97.8Ω/km
Max. Loop Resistance (20°C):	195.6Ω/km
Max. Capacitance Imbalance	500pF
Typical Transmission Distance	2km (dependant on cable properties)

221548

	Order Code	Price Each 1+	2+	5+
RS232/422 Converter (male)	778-746			
RS232/422 Converter (female)	778-758			

RS232 to RS422 Converter

DATAFORTH

- Complete optical isolation
- Industrial surge protection devices
- Built-in DCE/DCT switch
- 6 diagnostic LED's
- Host or external power
- Operating temperature 0°C to +70°C
- Used to interconnect RS232 to RS422 devices, or for RS422 networking or expanding RS232 communication

H=26, W=56, D=173

- Can connect up to 32 units in network mode
- Units have tri-state outputs controlled by DTR
- Full duplex operation over two-wire pairs with ground return
- Hardware handshake available over two separate wire pairs
- Connections to host interface via a 25 way 'D' connector socket and to transmission cable via 12 screw terminals.
- Tough aluminium case housing

Baud Rate	75 to 1200	2400	4800	9600	19200
Transmission distance metres	11265	8047	6437	4828	1829

Reduced distance may be required when 32 units are networked.

Host power supply requirements +12V ac ± 5% @ -12V dc ±5% @ 150mA pin 10.

221497

Mftrs. List No.	Order Code	Price Each
LDM422S	176-836	

RS232 - RS485 Converters

DATAFORTH

LDM485

DCP485

LDM485
- Complete optical isolation
- Industrial surge protection device
- Six LED diagnostic indicators
- 19.2K baud at 5km, 57.6K baud at 800m
- RTS, CTS handshake
- Tri-State outputs, up to 64 devices
- Wide operating temperature range
- Solderless screw terminals

DCP485
- 1500V RMS isolation
- Industrial surge protection device
- Four LED diagnostic indicators
- 115.2K Bps at 1.3km, 38.4k Bps at 1.6km
- RTS, DTR or AUTO RS485 transmitter control
- Tri-state outputs for up to 32 devices
- Wide operating temperature range
- Pluggable screw terminal
- Standard DIN rail mounting

	Maximum	Minimum
LDM485	57.6Kbps@ 800 metres	2.4Kbps@ 13.3Km
DCP485	115.2Kbps@ 800 metres	1 (vertauscht RS2332 Leitunggen 2 und 3)

221603

		Price Each		
	Order Code	1+	2+	5+
DCP 485				
Plug	300-4946			
Socket	300-9348			

Serial Comms - Fibre Optic Line Drivers

RS232 Fibre Optic Line Driver

GREENWICH INSTRUMENTS LTD

- Full duplex to 19200 baud
- Utilises up to 8 kilometres of 50/125µm glass fibre
- Supports software handshaking (Xon/Xoff)
- Standard 25 way 'D' connector and ST connectors
- DTE and DCE configuration

H=20.2, W=58, D=79.3

Transmitter at 25°C
Wavelength	850nm	Max Fein:	-37db (bei 850nm)
Life to Half brightness (-3dB)	80,000 hrs	Sättigung:	-16dB (bei 850nm)
Peak Coupled Power	17dB nach 10m		
Strom:	70 mA bei 9V D.C.		

221551

		Price Each		
	Order Code	1+	2+	5+
Fibre Optic Modem (Male)	778-795			
Fibre Optic Modem (Female)	778-801			

GO232 Modem
For Low Cost Plastic Fibre

GREENWICH INSTRUMENTS LTD

179-756   179-757

- Full duplex data to 19200 baud.
- Uses economical twin plastic fibre.
- Installs in seconds.
- Earth isolation between equipment.
- Supports X-ON/X-OFF handshakes.
- DTE/DCE switch selectable.
- Operates with up to 100m lengths of twin core 1mm plastic fibre
- Simple installation fibres are cut to length and held in place within the GO232 by a locking screw
- Supplied with an external UK power supply

221456

	Mftrs. List No.	Order Code	Price Each
Fibre modem, male	GO232M	120-4006●	

Adaptors

Multi Desk Hub

SPC pro-SIGNAL

NEW

- Designed to reduce work space clutter
- Slots into cable holes on most workstation desks
- Features 3 additional USB 2.0 sockets, memory card reader and audio in/out connections
- Card reader supports SD/MMC/MS/MSPD cards
- Connection cables come attached

629381

Mftrs.		**Price Each**
List No.	Order Code	1+
MDHEK	188-9774	

USB 2.0 to VGA Adaptor

NEW   SPC pro-SIGNAL

USB 2.0 to VGA adaptor allows the user to mirror or extend their current PC or laptop desktop across another monitor up to resolution of 1680 x 1050 on a VGA/SVGA monitor.

- Compliant with USB 2.0 specification
- Supports resolution up to 1680 x 1050
- Mirror, primary and extend desktop display
- Compatible with windows 2000, XP, Vista and Win7

657670

	Mftrs.		**Price Each**
	List No.	Order Code	1+
	USB2-VGA1	211-1953●	

Bluetooth RS232 Paired Devices

brainboxes

NEW

- Suitable for any device with serial port
- With option to power from pin 9
- Up to 30m range
- 9 pin male and female options
- Class1.1 qualified bluetooth device
- Integral antenna
- Lifetime warranty and lifetime support
- Baud rate up to 921,600
- Data bit 8
- Parity odd, even or none
- Stop bits 1 or 2

630313

Mftrs.		**Price Each**
List No.	Order Code	1+
BL-875	189-1127	

USB2.0 to Serial Adaptors
RS232 / RS422/485 Ports

brainboxes

- USB2.0 to Serial adaptors providing either 1 x RS232 or 1 x RS422/485 serial port
- 128 Byte Tx and 256 Byte Rx FIFO
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems. Microsoft signed drivers XP &Vista 32&64 bit, Windows 7
- Sample Programs, Test & Terminal software
- Lifetime Warranty

548343

	Mftrs.		**Price Each**	
Description	List No.	Order Code	1+	5+
USB to RS232	US-101	175-6306●		
USB to RS422/485	US-324	175-6307●		

Serial to USB Converter

SPC pro-SIGNAL

- Transmission rate up to 600kbps (1Mbps for 2 port)
- USB 1.1 compliant
- No external power supply required
- Cable length is 300mm with a USB A male to a 9 pin D male
- Supports Win 98SE/2000/ME/XP
Contents: Adaptor and software on CD

Free up a serial port without any IRQ or Com port conflicts by using this Serial to USB adaptor. Use your legacy serial products such as cameras, printers, modems and PDAs.

383510.271628

		Price Each	
	Order Code	1+	2+
1 Port	139-0372●		
2 Port	134-5445●		

USB to RS-232 DB9 Serial Adaptor

SEALEVEL

- Provides USB connectectivity to legacy or non-USB compliant devices via a DB9 male connector
- Data rates up to 460.8kbps
- All modem control signals implemented
- Hot-swappable
- Powered by USB connector
- USB 1.1 compliant (USB 2.0 compatible)
- 1.2m cable length

448459

	Price Each	
Order Code	1+	3+
128-5663●		

USB to RS-232/422/485 DB9 Serial Adaptors

SEALEVEL

- Provides USB connectivity to legacy or non-USB compliant devices via DB9 male connectors
- Each port is individually configurable for RS-232, RS-422, or RS-485
- Data rates up to 921.6kbps
- Automatic RS-485 enable/disable
- Serial and USB activity LEDs
- Hot-swappable
- Powered by the USB connection

- USB 1.1 compliant (USB 2.0 compatible)
- 1.8m USB cable supplied

448462

Description	Order Code	Price Each	
		1+	3+
2 Port	128-5664●		
4 Port	128-5665●		
8 Port	128-5666●		

USB U601 Hub

brainboxes

NEW

USB to Serial providing RS422/485 serial port multiplexed 8 times for multibus applications. Up to 921,600 data transfer rates and the 128 byte deep transmit and 256 byte receive FIFOS, coupled with 1Mbit line drivers deliver uncompromising performance on your laptop/PC.

- 8 port RS422/485
- 128 byte Tx and 256 Byte Rx FIFOs
- Rugged metal ensclosure (IP30 rated)
- Up to 920,600 baud
- Drivers for all popular operating systems
- Supplied with USB and rubber feet for office enviroments

655896

Mftrs. List No.	Order Code	Price Each 1+
US-601	209-6358●	

USB2 Serial 4xRS232 / 8xRS232

brainboxes

- 4 port RS232 or 8 port RS232 options
- 8 port version (US-279) supplied with power supply unit
- USB to Serial
- 128 Byte Tx and 384 Byte Rx FIFOs
- Up to 921,600 Baud
- 4xDB9 / 8xDB9 connector (9 Pin Male) Industrial high retenstion USB connector
- Drivers for all popular operating systems
- Microsoft signed drivers for Windows XP, Vista, 32 & 64 Bit, Windows 7
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

551211

Description	Mftrs. List No.	Order Code	Price Each	
			1+	3+
USB2 Serial 4 x RS232	US-701	175-8163●		
USB2 Serial 8 x RS232	US-279F	175-8164●		

USB To Serial Adaptor Lead

NEW

SPC pro-SIGNAL

- For modern PDA, camera, serial printer
- Drivers for Windows 98/2000/XP
- Chipset Prolific Technology Inc
- Powered by USB host
- 30-cm cable included

637814

Description	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
USB to Serial Adaptor PT1	040371	189-7302			
USB to Serial Adaptor PT2	040372	189-7303			
USB to Serial Adaptor PT4	040374	189-7304			

USB 2.0 Active Repeaters

NEWlink

NEW

- Allows you to increase the distance between your computer and USB devices
- USB A plug to USB A socket
- USB bus powered
- Available in 10, 15, 20 and 25mtr lengths

650469

Lead Length	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
10m	USB2REP10	194-7852●			
15m	USB2REP15	194-7853●			
20m	USB2REP20	194-7854●			
25m	USB2REP25	194-7855●			

USB 2.0 IDE Adaptor

- Allows connecting IDE 100/66/33 devices to a USB 2.0 slot
- Power switch
- Supports Win ME/2000/XP and Mac OS 9.X or later
- 0.93m cable

Contents: IDE/USB 2.0 Adapter, UK ac mains adapter, 2.5" HDD adaptor and user guide.

488344.427790

Order Code	Price Each
149-5651	

USB2.0 to SATA Adaptor

SPC pro-SIGNAL

- USB 2.0 to SATA adaptor (data & power)
- Fully compliant with SATA and SATA 2
- Supports 2.5" and 3.5" HDDs and 5.25" optical drives
- External power supply for 3.5'' HDD and 5.25" optical drives
- High-speed USB 2.0
- Supports Win 2000/XP/Vista and Mac OS 9.2.2 or above
- 150mm cable
- Contents: Adaptor and power supply

552814.540270

Order Code	Price Each	
	1+	5+
177-8241●		

USB Data Link Cable

SPC pro-SIGNAL

NEW

Plug in this adaptor cable to one USB port of your computer and you'll see the GO! Software suite on display: transfer, sharing, synchronization program.
Then connect the other end to the other PC, you can begin now!

- Compatible with USB 2.0 480Mbps Plug & Play
- Compatible with Win.2k/XP/Vista/7
- Fast transfer rate up to 16Mbps
- Cable length : 1,80m

637810

Mftrs. List No.	Order Code	Price Each		
		1+	5+	10+
136800	189-7300			

Parallel to USB Convertor

This convertor will allow you to use most parallel/IEEE1284 printers on a USB equipped computer. It should allow for faster printing because of the port speed differential (USB 12Mbps/parallel 150kbps).

- Bi-directional compatible
- USB 1.1 interface
- Plug and Play, no software required
- Supports Windows 98 or greater
- Length -1.8m

383520.272913

Order Code	Price Each	
	1+	5+
870-4074		

RoHS ● Compliant ▲ Non-compliant

Audio, Office and Electrical

Office – Computer Hardware, Networking & Consumables

USB to 2 x PS2 PC99 converter

pro-SIGNAL

- USB adapter for 6-pin miniDin connector keyboard & mouse
- No drivers required, read as HID device
- Windows 98/ME/2000/XP and Mac OS 8.6 minimum compatible
- Powered by USB host

528161

Description	Mfter Part No.	Order Code	1+	5+	10+
				Price Each	
USB converter	040860	**168-3069**●			

PS2 to USB Converter

- Allows both a mouse and keyboard to work at the same time
- USB bus powered - no external power supply required
- No software required
- Supports Win 98 or later
- Length is 250mm

Connect your PS2 mouse and keyboard to a USB port.

Note: When used in DOS the 'backslash' key is unavailable

383521.272902

Order Code	1+	+
	Price Each	
440-7908		

Full Speed 1.1 USB Repeater cable

pro-SIGNAL

Overcomes the maximum 5m length up to 25m
- 1.5 or 12Mbps operation
- A Male/Female type

521503

Description	Order Code	1+	5+
		Price Each	
USB 2.0 5m repeater cable	**164-1294**●		

USB RJ45 Extensiion

NEW

System Requirements:
IBM Compatible PC with 233 Mhz Pentium or faster, Windows 98SE / ME / 2000 or XP, Power Mac G3 or G4, PowerBook G3 or G4, or iBook, MAC OS 9.x or higher, 64 Mb Ram, Available USB Port

- Extend USB devices past typical 5 metre range
- Compliant with the USB 1.1 specification
- Embedded USB Transceivers in each unit to prevent signal loss
- No external power needed
- No drivers needed
- Cable length: 30cm

545066

Order Code	1+
	Price Each
170-1693●	

USB Adaptors

A range of USB adaptors to allow interconnection of most USB cables.

235785

Description	Order Code	1+
		Price Each
A Female to B Male	**394-2478**	
A Female to B Female	**394-1929**●	

USB 2.0 Cable

pro-SIGNAL

USB A to B cables for use with the faster USB 2.0 interface.

236079.255666

Description	Order Code	1+	5+	10+
			Price Each	
A Plug to B Plug, 2m	**186-0312**			
A Plug to B Plug, 3m	**186-0313**			
A Plug to B Plug, 5m	**205-6791**			
A Plug to A Plug				
A Plug to A Plug, 2m	**186-0314**			
A Plug to A Plug, 3m	**188-5815**			
A Plug to A Plug, 5m	**186-0315**			
A Plug to A Socket				
A Plug to A Socket, 0.5m	**101-9951**			
A Plug to A Socket, 1m	**101-9952**			
A Plug to A Socket, 2m	**185-2650**●			

USB Full Speed 1.1 cables

pro-SIGNAL
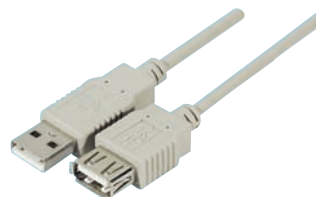
- For printers, scanners or USB equipement
- Double shielded cable with molded connectors
- Beige colour
- 12 Mbps-certified

521499

A-A type	Length	Order Code	1+	5+
			Price Each	
M/F	1.8m	**190-3467**		
M/F	3m	**164-1290**●		
A-B type				
M/M	1.8m	**164-1289**●		
M/M	3m	**164-1291**●		

USB 2.0 Cable

pro-SIGNAL

- Type A-A USB 2.0 cable assemblies
- Plug-plug or Plug-Socket options

544413

Description	Order Code	1+	10+
			Price Each
A Plug to A Plug			
A Plug to A Plug, 3m	**188-5815**		
A Plug to A Socket			
A Plug to A Socket, 0.25m	**149-4749**		
A Plug to A Socket, 0.5m	**101-9951**		
A Plug to A Socket, 1m	**101-9952**		

USB Cables

A selection of USB cables including A and B type connectors, plugs and sockets.

235775.273469

Cable Description	Order Code	Price Each	
		1+	10+
A plug to A plug 1.8m	149-4729		
A plug to A plug 3.0m	149-4730		
A plug to A plug 5.0m	149-4731		
A plug to B plug 1.8m	149-4732		
A plug to B plug 3.0m	149-4733		
A plug to B plug 5.0m	149-4734		
A plug to A socket 1.8m	149-4735		
A plug to A socket 3.0m	149-4736		

Coloured USB 2.0 Cables

pro-SIGNAL

Coloured USB 2.0 cables

488725.488706

Description	Order Code	Price Each	
		1+	5+
A Male to B Male			
Clear 2m	149-4737		
Black 2m	870-6794		
White 2m	149-4744		
Red 2m	149-4742		
Blue Transparent 2m	149-4738		
A Male to A Male			
Clear 2m	149-4746		
Black 2m	149-4745		
White 2m	149-4743		

Coloured USB 2.0 Cables

pro-SIGNAL

Coloured USB 2.0 cables with A to B connections.

383458.380920

Description	Order Code	Price Each	
		1+	5+
Clear, 2m	870-6760		
Blue, 2m	870-6778		
Black, 2m	870-6794		

USB2.0 AM-AM Lead
Black, 1M

Black USB cable supporting USB2.0 with AM-AM connections.

NEW

656575

Mftrs. List No.	Order Code	Price Each
		1+
UC037-1-BK	210-0143●	

USB3.0 Cable Assemblies

roline

NEW

Type A-B   Type A-A

- Choice of Type A-B or A-A USB3.0 cable assemblies
- Maximum transfer rate up to 5.0 Gbit/s

552839

Cable Length	Mftrs. List No.	Order Code	Price Each	
			1+	10+
Type A-B				
1.8m	11.02.8870	177-6147●		
3m	11.02.8871	177-6148●		
Type A-A				
1.8m	11.02.8970	177-6151●		
3m	11.02.8971	177-6152●		

USB3.0 Cable Assemblies

pro-SIGNAL

Type A-B   Type A-A

- Choice of Type A-B or A-A USB3.0 cable assemblies
- Maximum transfer rate up to 5.0 Gbit/s

552841

Cable Length	Mftrs. List No.	Order Code	Price Each	
			1+	10+
Type A-B				
1.8m	11.99.8870	177-6153●		
3m	11.99.8871	177-6154●		
Type A-A				
1.8m	11.99.8795	177-6155●		
3m	11.99.8976	177-6156●		

High Speed USB 3.0 Cables
A to B and A to A Connections

Videk

NEW

Superspeed USB 3.0 cables give raw throughput of 4Gbits. Cable contains two wires for power and ground, two wires for non-SuperSpeed data and four wires for SuperSpeed mode.

- 10x faster than standard USB 2.0
- Manufactured using UL20276 USB 3.0 Cable
- 28AWG x 1 Pair with drain/aluminium/mylar, 1x 28AWG Pair, 2 Cores 28AWG
- Backwards compatible, however, for USB 3.0 speed total USB 3.0 system required
- Available in 1, 2 and 3m lengths with A to B or A to A connection

Manufacturers Part No	Connector Type	Cable Length	Order Code
2585A-1	USB 3.0 A Male / USB 3.0 B Male	1m	208-2900
2585A-2	USB 3.0 A Male / USB 3.0 B Male	2m	208-2902
2585A-3	USB 3.0 A Male / USB 3.0 B Male	3m	208-2903
2560A-1	USB 3.0 A Male / USB 3.0 A Male	1m	208-2904
2560A-2	USB 3.0 A Male / USB 3.0 A Male	2m	208-2905
2560A-3	USB 3.0 A Male / USB 3.0 A Male	3m	208-2906

653257

Mftrs. List No.	Length	Order Code	Price Each		
			1+	5+	10+
2585A-1	1m	208-2900●			
2585A-2	2m	208-2902●			
2585A-3	3m	208-2903●			
2560A-1	1m	208-2904●			
2560A-2	2m	208-2905●			
2560A-3	3m	208-2906●			

RoHS ● Compliant ▲ Non-compliant