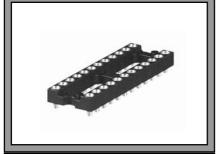
# **CONNECTORS - MULTIPOLE**

# D TYPE ADAPTORS

### DIL SOCKETS



TERMINAL BLOCKS



**TELEPHONE ACCESSORIESS** 



USB ADAPTORS



0.1" CRIMP CONNECTOR SYSTEM 2101 0.156" CRIMP CONNECTION SYSTEM 2101 COMPUTER LEADS 2108 D COVERS 2098 D PLUGS & SOCKETS 2098 - 2099 DIL SOCKETS 2099 - 2100 DISK DRIVE POWER CONNECTORS 2102 GENDER CHANGERS 2099 L/SPEAKER CONNECTORS 2100 MOBILE PHONE LEADS 2108 **NETWORK LEADS** 2107 PIN STRIPS & SOCKETS 2099 PUNCH DOWN TOOL 2107 SIL PLUGS & SOCKETS 2099 SOLDER TAGS 2104 TAG STRIPS 2104 TELEPHONE ACCESSORIES 2105 - 2107 TELPHONE CONNECTORS 2105 - 2107 TERMINAL BLOCK 2102 - 2104 USB ADAPTORS 2109 **USB LEADS** 2108 UTP CAT 5 LEADS 2107



### **D PLUGS & SOCKETS**

'D' CONNECTORS standard D series connectors in 9 to 50 way

with solder bucket terminals, which may be in-line or panel mounted. Covers listed below. Rating (each pin) 5A.



CODE	TYPE	PRICE
CON380	9 Way D Plug	£0.50
CON390	9 Way D Socket	£0.50
CON400	15 Way D Plug	£0.70
CON410	15 Way D Socket	£0.70
CON420	25 Way D Plug	£0.85
CON430	25 Way D Socket	£0.85
CON440	37 Way D Plug	£3.75
CON450	37 Way D Socket	£3.75

HIGH DENSITY 15 PIN D PLUG a high density 15 pin D type plug with gold plated contacts. Uses the same cover as a standard 9

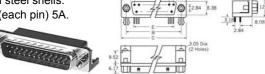
way D plug and socket.



CODE	TYPE	PRICE
563-034	High Density 15 Pin D Plug	£0.99
563-036	High Density 15 Pin D Socket	£0.99

RIGHT ANGLE 'D' CONNECTORS a range of competitively priced commercial specification right angle PCB 'D' connectors which meet the dimensional requirements of MIL-C-24308. Plugs and sockets incorporate jack posts. PCB locating spigots which are electrically connected to the shell of the connector to facilitate grounding. Manufactured to a high standard with flame retardant glass filled polyester insulators, gold plated stamped contacts

housed in tinned and dimpled steel shells. Rating (each pin) 5A.



Α	В	С	D
16.92	24.99	30.81	11.08
25.25	33.32	39.14	19.39
38.96	47.04	53.04	33.24
	16.92 25.25	16.92 24.99 25.25 33.32	16.92 24.99 30.81 25.25 33.32 39.14

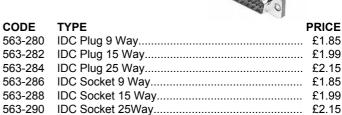
CODE	TYPE	PRICE
520-422	Right Angle Plug 9 Way	£0.85
520-423	Right Angle Plug 15 Way	£0.90
520-424	Right Angle Plug 25 Way	£1.15
520-425B	Right Angle Socket 9 Way	£0.85
520-426	Right Angle Socket 15 Way	£0.90
520-427B	Right Angle Socket 25 Way	£1.15

HIGH DENSITY RIGHT ANGLE 'D' CONNECTORS Commerical specification right angle PCB mountint connectors. A 15-way connector in the shell size of a 9-way connector. Tin plated shell to allow full grounding for EM/RFI shielding. PCB locating spigots electrically facillitate grounding. Supplied with jack posts threaded 4-40 UNC.

CODE	TYPE PRICE	
08-0042	High Density R/Angle D Connector 15 Way Plug. £1.40	
08-0044	High Density R/Angle D Connector 44 Way Plug. £3.99	
08-0046	High Density R/Angle D Connector 15 Way Skt £1.40	
08-0048	High Density R/Angle D Connector 44 Way Skt £3.99	

'IDC 'D' CONNECTORS a range of IDC D connector plugs and sockets for direct termination to ribbon cable. Gold over nickel

plated beryllium copper contacts housed in a tinned metal shell for extra reliability and EMI/ESD reduction. Complete with cable strain relief.



### **D TYPE COVERS**

D' CONNECTOR COVERS two part 'D' connector covers moulded

in ABS, supplied complete with cable clamp and short jack screws. Top cable entry type. (Fits both male or female D connectors).



CODE	TYPE	PRICE
CON480	9 Way D Cover	£0.50
CON490	15 Way D Cover	£0.55
CON500	25 Way D Cover	£0.65
	37 Way D Cover	

SCREWLOCK ASSEMBLIES Assemblies for securing mated 'D'

connectors. Two sizes of female are offered to accommodate plastic flange 'D' connectors.



DDICE

CODE	TYPE	PRICE
563-392	Screwlock Assembley Pair Male D20419	£0.75
563-394	Screwlock Ass Pair Female D20418-2 8mm	£1.15
563-395	Screwlock Ass PairFemale D20418-2 13mm	£1.20

SNAP FIT COLOUR CODED 'D' CONNECTOR COVERS Snap fit colour coded hinged nylon 'D' connector covers available in different colours. 48mm captive steel jack screws, reversible cab le clamp with self tapping screws.



CODE	TVDE			
25 Way	54	55	15	12
15 Way	54	41	15	12
9 Way	54	35	15	8.4
	(mm)	(mm)	(mm)	max.dia
	Height	Width	Depth	Cable entry
Technical S	Specification			

CODE	ITPE	PRICE
08-0066	9 Way Colour Coded D Connector Cover Black	£1.29
08-0068	9 Way Colour Coded D Connector Cover Red	£1.29
08-0070	9 Way Colour Coded D Connector Cover Blue	£1.29
08-0072	9 Way Colour Coded D Connector Cover Yellow.	£1.29
08-0074	9 Way Colour Coded D Con Cover Light Grey	£1.29
08-0076	15 Way Colour Coded D Connector Cover Black.	£1.49
08-0078	15 Way Colour Coded D Connector Cover Red	£1.49
08-0080	15 Way Colour Coded D Connector Cover Blue	£1.49
08-0084	15 Way Colour Coded D Con Cover Light Grey	£1.49
08-0086	15 Way Colour Coded D Con Cover Comp Grey.	£1.49
08-0088	25 Way Colour Coded D Connector Cover Black.	£1.79
08-0090	25 Way Colour Coded D Connector Cover Red	£1.79
08-0112	25 Way Colour Coded D Connector Cover Yell	£1.79
08-0110	25 Way Colour Coded D Con Cover Light Grey	£1.79

### **GENDER CHANGERS**

MINI GENDER CHANGERS a range of 9, 15 and 25 way gender changers for D type connectors.

CODE	TYPE	PRICE
560-932	Mini Gender Changer 9 Pin Plug To Plug	£3.99
560-934	Mini Gender Changer 9 Pin Skt To Skt	£3.99
560-936	Mini Gender Changer 15 Pin Plug To Plug	£4.99
560-938	Mini Gender Changer 15 Pin Skt To Skt	£4.99

HIGH DENSITY 15-PIN D TYPE ADAPTOR a right-angle 15-pin

male (plug) to 15-pin female (socket) adaptor with gold plated contacts.

CODE

08-0550



9 PIN TO 25 PIN ADAPTORS a range of 9 pin D to 25 pin D adaptors. Sold individually.



CODE	TYPE	PRICE
563-425	Adaptor 9 Pin D Socket to 25 Pin D Plug	£2.99
563-455	Adaptor 9 Pin D Plug to 25 Pin D Socket	£2.99
563-547	Adaptor 9 Pin D Socket to 25 Pin D Socket	£2.99

### **PIN STRIPS & SOCKETS**

TURNED PIN SIL HEADER Single In Line headers with tin plated turned brass pins, designed to be snapped off to the desired length for use as headers for PCB interconnection or miniature plugs and sockets when used in conjunction with SIL Sockets. Available in 20 or 32 way strips with pins at 0.1" centres.

	Manuscon Man			
CODE	TYPE	<b>PRICE</b>		
561-000	PCB SIL Header 20 Way	£1.90		
561-005	PCB SIL Header 32 Way	£2.99		

TURNED PIN S I L SOCKETS Single In Line low profile sockets with high quality machined contacts. Moulded in black glass-filled flame retardant polyester. Temperature range -55°C to 180°C. Can be snapped off to the desired length for use as sockets for PCB interconnection or miniature plugs and sockets when used in conjunction with SIL Headers. Available in 20 or 32 way strips with pins at 0.1" centres.

CODE	TYPE	PRICE
561-010	PCB SIL Sockets 20 Way	£0.70
561-015	PCB SIL Sockets 32 Way	£0.95

FREE PARKING FOR 2 HOURS **OUTSIDE OF OUR SHOP** SHOP HOURS **MONDAY - SATURDAY 9.00 - 5.30** 

### **LOW PROFILE DIL SOCKETS**

LOW PROFILE DIL IC SOCKETS a range of cost effective high quality low profile Dual In Line sockets with dual wipe contacts provide maximum contact retention at minimum cost. Moulded in black glass-filled polyester. Height above PCB 5.1mm. Sold indi-

**Technical Specification** 

Operating Temp

Insulator Material Glass filled PBT Rated UI 94V-0

Contact Material Inner 5191 Phosphor Bronze

Contact Plating Contact Rating 1A max

200m Ohms max Contact Resistance 5 x10<sup>9</sup> at 500V DC Insulation Resistance 340g Max per Contact Insertion Force Withdrawal Force 14g Min per Contact

-55°C to 105°C



Dimens	sions						
Type	Pitch	Lmm	Wmm	Type	Pitch	Lmm	Wmm
8 Pin	0.3"	10.02	10.02	24Pin	0.6"	0.48	17.74
				28Pin	0.3"	35.42	10.02
14 Pin	0.3"	17.62	10.02	28Pin	0.6"	35.42	17.74
16Pin	0.3"	20.18	10.02	32Pin	0.6"	38.10	17.74
18Pin	0.3"	22.72	10.02	40Pin	0.6"	48.26	17.74
20Pin	0.3"	25.26	10.02				
24Pin	0.3"	30.48	10.02				

CODE	TYPE	<b>PRICE</b>
561-100	Low Profile DIL IC Socket 8 Pin 0.3"	£0.15
561-105	Low Profile DIL IC Socket 14 Pin 0.3"	£0.20
561-110	Low Profile DIL IC Socket 16 Pin 0.3"	£0.22
561-115	Low Profile DIL IC Socket 18 Pin 0.3"	£0.25
561-120	Low Profile DIL IC Socket 20 Pin 0.3"	£0.27
561-125	Low Profile DIL IC Socket 24 Pin 0.3"	£0.29
561-130	Low Profile DIL IC Socket 24 Pin 0.6"	£0.30
561-131	Low Profile DIL IC Socket 28 Pin 0.3"	£0.35
561-135	Low Profile DIL IC Socket 28 Pin 0.6"	£0.35
561-140	Low Profile DIL IC Socket 32 Pin 0.6"	£0.39
561-145	Low Profile DIL IC Socket 40 Pin 0.6"	£0.40

LOW PROFILE TURNED PIN DIL SOCKETS a range of high quality machined contact low profile Dual In Line sockets. Moulded in black glass-filled flame retardant polyester. Height above PCB 4.3mm. Sold individually.

**Technical Specification** 

Glass filled Polyester Insulator Material Rated UL94V-0

Contact Material Inner 4 Finger Gold Plated

Beryllium Copper Outer Tin Plated Brass

**Current Rating** 1A

Contact Resistance 10m Ohms max 1 x10<sup>9</sup> min Insulation Resistance Dielectric Strength 1000V Operating Temperature -55°C to 125°C



CODE	TYPE	PRICE
561-025	L. Profile Turned Pin DIL Skt 8 Pin 0.3" Pitch	£0.43
561-030	L. Profile Turned Pin DIL Skt 14 Pin 0.3" Pitch	£0.75
561-035	L. Profile Turned Pin DIL Skt 16 Pin 0.3" Pitch	£0.90
561-040	L. Profile Turned Pin DIL Skt 18 Pin 0.3" Pitch	£0.99
561-050	L. Profile Turned Pin DIL Skt 24 Pin 0.3" Pitch	£1.09
561-055	L. Profile Turned Pin DIL Skt 24 Pin 0.6" Pitch	£1.11
561-985	L. Profile Turned Pin DIL Skt 28 Pin 0.3" Pitch	£1.25
561-060	L. Profile Turned Pin DIL Skt 28 Pin 0.6" Pitch	£1.29
561-065	L. Profile Turned Pin DIL Skt 32 Pin 0.6" Pitch	£1.45
561-070	L. Profile Turned Pin DIL Skt 40 Pin 0.6" Pitch	£1.80

SURFACE MOUNT IC SOCKETS A range of collect socket open frame style surface mount DIL sockets with high reliability machined contacts. Specially designed for reflow soldering including vapour phase.

Insulator material

Technical specification Beryllium copper Contact material Contact plating 0.25µ gold over nickel

Operating temperature 0.3" pitch Manfrs part No's 0.6" pitch Glass filled polyester (UL94V-0)

-55° to + 125°C 114913xx41117 114916xx41117 Where xx is no. of ways

CODE	TYPE	PRICE
560-827	Surface Mount IC Socket 8 Pin 0.3"	£0.79
560-828	Surface Mount IC Socket 14 Pin 0.3"	£1.65
560-831	Surface Mount IC Socket 24 Pin 0.3"	£2.80
560-832	Surface Mount IC Socket 24 Pin 0.6"	£2.80
560-833	Surface Mount IC Socket 28 Pin 0.6"	£2.99

I.C. EXTRACTION TOOL a simple spring clip tool with an insulat-

ed handle used to ease the extraction of I.C.'s from I.C. sockets. Suitable for use with I.C.'s with up to 28 pins.



CODE	TYPE		PRICE
561-160	Insulated IC Extraction	Tool	£1.89

I.C. EXTRACTION/INSERTION TOOL a high quality spring

loaded tool for use with I.C.'s with pins of 0.3" pitch to enable easy insertion or extraction from I.C. sockets.



CODE	TYPE	PRICE
561-165	IC Extraction/Insertion Tool	£2.69

TRANSISTOR HOLDERS Printed circuit mounting transistor sockets moulded in thermoplastic. Gold flashed contacts. Temperature range -50 to +150°C.

CODE	TYPE	PRICE
560-834	Transistor holder 3 pin TO18	£0.69
560-835	Transistor holder 3 pin TO5	£0.79

### LOUDSPEAKER CONNECTORS

PANEL MOUNT PUSH FIT TERMINALS A pair of panel mounted push fit spring terminals in red or black. Spring loaded contacts

retain cable firmly in position. Solder tag termination.



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PUSH FIT TERMINALS two and four pole push fit terminals, chassis mounting with solder tags on the rear. Typically used for loudspeaker connections on both amplifiers and loudspeakers, but can be used in many other applications for fast, simple connections. The four pole terminals are arranged Red Black Black Red.





CODE	TYPE	PRICE
562-590	Two Pole Terminals 22 x 52mm	£0.99
562-595	Four Pole Terminals 19 x63mm	£1.29

LOUDSPEAKER CONNECTOR a red and black spring terminal on a round plastic escutcheon plate.

**PRICE** CODE **TYPF** 563-074 

ROUND LOUDSPEAKER BINDING POSTS a colour coded bind-

ing posts with gold plated contacts on a round recessed plastic escutcheon plate.



### **CRIMP 0.1" PCB CONNECTION SYSTEM**

MODULAR 0.1" PCB CONNECTION SYSTEM comprising end stackable crimp termination socket connectors which are designed to mate with rigid PCB mounted pin headers. The pin headers incorporate a friction lock to secure the connector to the header and ensuring correct termination to the sockets. The crimp terminals incorporate a double cantilever contact designed to provide a high uniform contact pressure and this also cleans oxides and film when the connector is mated.

### **Technical Specification**

Insulator Material - White Nylon 66, UL94V-0. Contact Material - Tin Plated Brass

Wire Size - 0.055 to 0.33mm<sup>2</sup> Max Insulation O D - 1 55mm Header Size - 0.64mm<sup>2</sup> Pitch - 2.54mm (0.1")

Maximum Current - 3A Max Maximum Voltage - 250V AC Engage Force per Contact - 1.9N Disengage Force per Contact - 0.70N

Temperature Range:--40°C to +105°C

CRIMP TERMINAL HOUSING an extensive range of 0.1" crimp

terminal housings. Sold in packs of 5. Terminals sold separately.

CODE	TYPE	PRICE
561-200	Crimp Terminal Housing 0.1" 2 Way 5Pk	£0.29
561-205	Crimp Terminal Housing 0.1" 3 Way 5Pk	£0.39
561-210	Crimp Terminal Housing 0.1" 4 Way 5Pk	£0.49
561-215	Crimp Terminal Housing 0.1" 5 Way 5Pk	£0.69
561-220	Crimp Terminal Housing 0.1" 6 Way 5Pk	£0.70
561-225	Crimp Terminal Housing 0.1" 7 Way 5Pk	£0.89
561-230	Crimp Terminal Housing 0.1" 8 Way 5Pk	£1.05
561-235	Crimp Terminal Housing 0.1" 9 Way 5Pk	£1.19
561-240	Crimp Terminal Housing 0.1" 10 Way 5Pk	£1.29
561-250	Crimp Terminal Housing 0.1" 12 Way 5Pk	£1 59

Crimp Terminal Housing 0.1" 15 Way 5Pk...... £1.99

561-255

**STRAIGHT PCB SOCKET** a range of 0.1" straight top entry PCB mounting sockets to suit 90° and straight pin headers. Sold individually. **Subject to Design Change.** 

4444

CODE	TYPE	PRICE
561-002	Straight PCB Socket 0.1" 2 Way	£0.55
561-004	Straight PCB Socket 0.1" 3 Way	£0.85
561-006	Straight PCB Socket 0.1" 4 Way	£0.89
561-008	Straight PCB Socket 0.1" 5 Way	£1.29
561-009	Straight PCB Socket 0.1" 6 Way	£1.85
561-011	Straight PCB Socket 0.1" 8 Way	£1.89
561-012	Straight PCB Socket 0.1" 10 Way	£2.29
561-013	Straight PCB Socket 0.1" 12 Way	£2.59

**CRIMP TERMINAL** crimp terminal to suit 0.1" crimp terminal housing. Wire size 0.055 to 0.33mm<sup>2</sup>. Sold in packs of 10, 50 and 100.



CODE	TYPE	PRICE
561-260	Crimp Terminal 0.1" 10 Pk	£0.57
561-265	Crimp Terminal 0.1" 50 Pk	£2.15
561-270	Crimp Terminal 0.1" 100 Pk	£3.99

**STRAIGHT PIN HEADER** a comprehensive range of 0.1" straight pin headers with friction lock. Sold individually.



CODE	IYPE	PRICE
561-400	Straight Pin Header 0.1" 2 Way	£0.16
561-405	Straight Pin Header 0.1" 3 Way	£0.22
561-410	Straight Pin Header 0.1" 4 Way	£0.27
561-415	Straight Pin Header 0.1" 5 Way	£0.37
561-420	Straight Pin Header 0.1" 6 Way	£0.43
561-425	Straight Pin Header 0.1" 7 Way	£0.49
561-430	Straight Pin Header 0.1" 8 Way	£0.55
561-435	Straight Pin Header 0.1" 9 Way	£0.65
561-440	Straight Pin Header 0.1" 10 Way	£0.69
561-445	Straight Pin Header 0.1" 12 Way	£0.85
561-450	Straight Pin Header 0.1" 15 Way	£1.25

**90° PIN HEADER** a comprehensive range of 0.1"  $90^\circ$  pin headers with friction lock. Sold individually.



CODE	TYPE	PRICE
561-500	90° Pin Header 0.1" 2 Way	£0.21
561-505	90° Pin Header 0.1" 3 Way	£0.31
561-510	90° Pin Header 0.1" 4 Way	£0.40
561-515	90° Pin Header 0.1" 5 Way	£0.52
561-520	90° Pin Header 0.1" 6 Way	£0.57
561-525	90° Pin Header 0.1" 7 Way	£0.69
561-530	90° Pin Header 0.1" 8 Way	£0.79
561-535	90° Pin Header 0.1" 9 Way	£0.89
561-540	90° Pin Header 0.1" 10 Way	£0.95
561-545	90° Pin Header 0.1" 12 Way	£1.10

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### **CRIMP 0.156" PCB CONNECTION SYSTEM**

MODULAR 0.156" PCB CONNECTION SYSTEM comprising end stackable crimp termination socket connectors which are designed to mate with rigid PCB mounted pin headers. The pin headers incorporate a friction lock to secure the connector to the header and ensure correct orientation of the sockets. The crimp terminals incorporate a double cantilever contact designed to provide a high uniform contact pressure and this also cleans oxides and film when the connector is mated.

### **Technical Specification**

Insulator Material White Nylon 66, UL94V-2 Contact Material Tin Plated Brass

Wire Size	0.336 to 0.933mm <sup>2</sup>	Max Insulation O.D	.2.79mm
Header Size	1.14 x 1.14mm	Pitch	0.156"
Maximum Voltag	ge 250V AC	Maximum Current	7A
Temp Range	-40°C to +105°C		

**CRIMP TERMINAL HOUSING** an extensive range of 0.156" crimp terminal housings. Sold in packs of 5. Terminals sold separately.



CODE	TYPE	PRICE
561-600	Crimp Terminal Housing 0.156" 2 Way 5Pk	£0.39
561-605	Crimp Terminal Housing 0.156" 3 Way 5Pk	£0.53
561-610	Crimp Terminal Housing 0.156" 4 Way 5Pk	£0.79
561-615	Crimp Terminal Housing 0.156" 5 Way 5Pk	£0.99
561-620	Crimp Terminal Housing 0.156" 6 Way 5Pk	£0.99
561-625	Crimp Terminal Housing 0.156" 8 Way 5Pk	£1.59
561-630	Crimp Terminal Housing 0.156" 10 Way 5Pk	£1.99

**CRIMP TERMINAL** crimp terminal to suit 0.156" crimp terminal housing. Wire size 0.336 to 0.933mm<sup>2</sup>. Sold in packs of 10, 50 and 100

CODE	TYPE	<b>PRICE</b>
561-635	Crimp Terminal 0.156" 10 Pk	£0.79
561-640	Crimp Terminal 0.156" 50 Pk	£2.99
561-645	Crimp Terminal 0.156" 100 Pk	£4.99

**STRAIGHT PIN HEADER** a comprehensive range of 0.156" straight pin headers with friction lock. Sold individually.



CODE	TYPE	PRICE
561-700	Straight Pin Header 0.156" 2 Way	£0.19
561-705	Straight Pin Header 0.156" 3 Way	£0.30
561-710	Straight Pin Header 0.156" 4 Way	£0.37
561-715	Straight Pin Header 0.156" 5 Way	£0.47
561-720	Straight Pin Header 0.156" 6 Way	£0.57
561-725	Straight Pin Header 0.156" 8 Way	£0.79
561-730	Straight Pin Header 0.156" 10 Way	£0.99

 $90^{\circ}$  PIN HEADER a range of 0.156"  $90^{\circ}$  pin headers with friction lock. Sold individually.



CODE	TYPE	PRICE
561-750	90° Pin Header 0.156" 2 Way	£0.25
561-760	90° Pin Header 0.156" 4 Way	£0.50
561-765	90° Pin Header 0.156" 5 Way	£0.65
561-775	90° Pin Header 0.156" 8 Way	£1.00
001110	oo i mii loadoi o. loo o vay	~1.00

### **DISK DRIVE POWER CONNECTORS**

**DISK DRIVE POWER CONNECTORS** a range of 4 way 5.08mm pitch connectors primarily aimed at power supply connections for computer disk drives but could be put to many other uses. Housings are supplied individually, male pins and female sockets are supplied separately in packs of 4.

**Technical Specification** 

Insulator Material White Nylon 66, UL94V-2 Contact Material Tin Plated Brass

+105°C

Wire Size Male Pin 16-22swg
Female Socket 18-22swg

Pitch 5.08mm

Maximum Voltage 250V AC

Maximum Current 7A

Temperature Range -40°C to



CODE	TYPE	<b>PRICE</b>
561-560	Disk Drive Connector 4Way Straight Header	£0.79
561-565	Disk Drive Connector 4Way 90° Header	£0.99
561-570	Disk Drive Connector 4Way Female Housing	£0.29
561-575	Disk Drive Connector 4Way Male Housing	£0.29
561-580	Disk Drive Connector Male Pin 4Pk	£0.32
561-585	Disk Drive Connector Female Pin 4Pk	£0.32

FLOPPY PATCH LEAD a floppy disk drive power lead for con-

necting to the system power supply. 2 x Plug Socket.

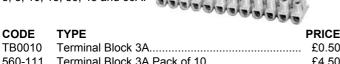


CODE	TYPE	PRICE
560-940	Floppy Patch Lead 2 x Plug Socket	£2.95

### **TERMINAL BLOCKS**

**TERMINAL BLOCKS** 12 way flexible terminal block strips that are easily cut into shorter lengths.

3, 5, 10, 15, 30, 45 and 60A.



OODL	• • • •	
TB0010	Terminal Block 3A	£0.50
560-111	Terminal Block 3A Pack of 10	£4.50
TB0020	Terminal Block 5A	£0.69
560-112	Terminal Block 5A Pack of 10	£5.99
560-890	Terminal Block 10A	£1.20
TB0030	Terminal Block 15A	£1.49
560-892	Terminal Block 30A	£1.99
560-893	Terminal Block 45A	£2.79
560-895	Terminal Block 60A	£3.99

**PLUG-IN TERMINAL BLOCKS** a range of pluggable industrial quality terminal strips moulded in self extinguishing polypropylene. They are supplied as 12 way blocks which may be cut down to size. The wires are connected by a screw fixing. Supplied as a pair of male and female strips. The blocks are robust and ideal for joining wires that require to be moved frequently. Available with 3

connector pitches 8mm rated at 6A, 10mm and 12mm pitches are both rated at 10A.



CODE	TYPE	PRICE
560-843	Plug-in Terminal Block M/F - 6A/8mm Pitch	£3.99
TB0025	Plug-in Terminal Block M/F - 10A/10mm Pitch	£4.50
560-498	Plug-in Terminal Block M/F - 16A/12mm Pitch	£6.89

**SCREWLESS TERMINAL BLOCKS** a 12 way terminal block with a screw terminal on one side and two screwless terminals on the other. These terminal blocks may be cut into shorter lengths and are particularly suited to lighting equipment applications. The screwless terminals will accommodate either solid or tinned stranded wire. Current rating 16A.



Technical specification

Current rating 16A
Material polymide 6/6
Inserts steel, tinned
Operating temperature 100°C max
Conductor size screw 6mm<sup>2</sup>
screwless 0.5-1.5mm<sup>2</sup>

CODETYPEPRICE563-30616A Screw/Screwless Terminal Block 12 Way.....£2.19

**15A BARRIER TERMINAL BLOCKS** a range of barrier terminal blocks moulded in high impact thermoplastic rated UL94V-0. Available in screw to screw or screw to solder tag termination. Current rating 15A.



**Technical specification** 

Moulding High impact thermoplastic (UL94V-0)

Terminal plates Nickel plated brass

Screw terminations 4BA

Max working voltage 750V DC or AC rms
Temperature range -55°C to +100°C

Dimensions 3 way 46 x 22.2 x 12.7mm (above panel) FC=38.08 4 way 55.52 x 22.2 x 12.7mm (above panel) FC=47.6 12 way 131.68 x 22.2 x 12.7mm (above panel) FC=123.76

CODE	TYPE	<b>PRICE</b>
560-849	15A Barrier Term Block 3 way Screw to Screw	£1.89
560-850	15A Barrier Term Block 4 way Screw to Screw	£2.59
560-851	15A Barrier Term Block 12 way Screw to Screw	£6.85
560-853	15A Barrier Term Block 4 way Screw to Tag	£2.69
560-854	15A Barrier Term Block 12 way Screw to Tag	£7.49

**32A MINIATURE BARRIER TERMINAL BLOCKS** a range miniature barrier terminal blocks. Typical applications include filtering power supplies in telecommunications equipment, metering, industrial controls, instrumentation and EDP equipment. Moulded in high impact thermoplastic rated UL94V-0. Screw to screw terminations. Current rating 32A.

Technical specification

Moulding High impact thermoplastic (UL94V-0)

Terminal plates Nickel plated brass

Screw terminations 6BA
Max working voltage 1000V rms
Temperature range -55°C to +100°C

Dimensions 4 way 38.10 x 16 x 8.7mm (above panel) FC=31.75 88.9 x 16x 8.7mm (above panel) FC=82.55

Width

CODE

563-292

**ECONOMY INTERLOCKING TERMINAL BLOCKS 10A miniature** wire protector terminal blocks in two and three way versions which interlock to provide any number of connections. The blocks are moulded in black flame retardant UL94V-0 polyester. UL and CSA approved. 3.5mm pitch.

**Technical specification** 

10A/125V AC Rating Insulation resistance >500MΩ Wire size 0.75mm<sup>2</sup> Height above 8.4mm Width 7.0mm



CODE **TYPE PRICE** Economy Interlocking Terminal Block 2 way 10A. £0.49 560-841 560-842 Economy Interlocking Terminal Block 3 way 10A. £0.65

INTERLOCKING 16A INTERLOCKING TERMINAL BLOCKS

Quality interlocking PCB terminal blocks on a standard 5mm pitch. 16A rating, fitted with wire protectors. Height of 10mm, low profile

**Technical Specification** 

Current rating 16A 1.5mm<sup>2</sup> Conductor size

Grey polycarbonate Moulding material Wire protector material Nickel plated bronze Insert/Pin material Tinned brass Height 10mm

Width 7.5mm Operating temperature 120°C



TYPE	PRICE
16A Interlocking Terminal Block 2 Way	£0.43
16A Interlocking Terminal Block 3 Way	£0.67
16A Interlocking Terminal Block 4 Way	£0.77
16A Interlocking Terminal Block 6 Way	£1.15
16A Interlocking Terminal Block 12 Way	£2.30
	16A Interlocking Terminal Block 2 Way

INTERLOCKING 6A TERMINAL BLOCK a range of PCB mounting miniature rising clamp terminal blocks available in two and three way versions which interlock to enable a terminal block of any number of ways to be constructed. The blocks are moulded in polyamide 66 which is flame retardant to UL94V-0 and CE approved. The terminals are on a 3.5mm pitch

**Technical Specification** Rating 6A 250V  $1 \text{mm}^2$ Wire Size Insulation Resistance >40MΩ Height Above PCB 9.1mm Width 7.3mm



CODE	TYPE	PRICE
562-000	Interlocking Terminal Block 6A 2 Way	£0.69
562-005	Interlocking Terminal Block 6A 3 Way	£0.99

IF THERE ARE OTHER PRODUCTS THAT YOU WOULD LIKE US TO STOCK, PLEASE FEEL FREE TO LET US KNOW.

END-STACKABLE 45° SCREWLESS TERMINAL BLOCKS a

range of end-stackable terminal blocks with lever operated cable clamps for speed of assembly which ensure good connections with no danger of screws being inadequately tightened. Individual blocks are simply stacked end to end to produce a connector with the desired number of ways. Cable exit is angled at 45° allowing cables to be routed either in line with, or at right angles to the PCB without undue strain being placed on the cable or terminal block. Moulded in light grey polyamide 66 to UL94V-0 UL, VDE

and CE approved. Rated 12A.

**TYPE** 

Technical specification 12A/250V AC Temperature rating 120°C >5MQ Insulation resistance 1.5mm<sup>2</sup> Wire size PCB hole size 1.3mm dia Height above PCB 13mm



End-Stackable 45° Screwless T/Block 3 Way ..... £0.89 563-294 End-Stackable 45° Screwless T/Block 4 Way..... £1.19 563-296 563-298 End-Stackable 45° Screwless T/Block 5 Way..... £1.49 SCREWLESS TERMINAL BLOCKS PCB FITTING screwless

pushbutton blocks offer many benefits. Speed, on average, screwless connections can be made in half the time. No need for twisting and turning screws, easier on the installers hands and arms. Never have a problem with loose connections from loose screws again. Provide a vibration proof connection. Spring clamp conforms to the wire with constant tension, making it maintenance-

free. 5mm pitch, side entry and available in 2, 3 and 8 pole options.

**Technical Specification** 

Current rating Contact spring Stainless steel Solder pins Brass, electro tinned Conductor size 1mm to 1.5mm<sup>2</sup> Working temperature 120°C

Mouldings PBT, UL94 VO

CODE	ITPE	PRICE
08-0020	Screwless Terminal Block PCB Fitting 2 Pole	£0.79
08-0022	Screwless Terminal Block PCB Fitting 3 Pole	£1.39
08-0024	Screwless Terminal Block PCB Fitting 8 Pole	£2.49

PLUGGABLE 10A TERMINAL BLOCK a range of PCB mounting pluggable terminal blocks available in 2, 3, 4, 5, 6, and 8 way versions can interlock to enable a terminal block of any number of ways to be constructed. The pin strip is supplied separately and is soldered directly on to the PCB, the terminal blocks are then plugged on to the PCB.

The block is moulded in black glass-filled polyamide 6 UL94HB

The terminals are on a 5 mm pitch. **Technical Specification** 

Current Rating 10A /250V AC Cable Size Steel, Zinc Plated and Passivated Clamp Screw

Cable Protector Beryllium Copper Wire Leaf PCB Hole 1.4mm.

Temp Range -30°C to +130°C **PRICE** CODE Pluggable Terminal Block 10A 2 Way...... £0.62 562-100 562-105 Pluggable Terminal Block 10A 3 Way...... £0.94 562-110 Pluggable Terminal Block 10A 4 Way...... £1.25 Pluggable Terminal Block 10A 5 Way...... £1.59 562-111 562-112 Pluggable Terminal Block 10A 6 Way...... £1.89 Pluggable Terminal Block 10A 8 Way...... £2.45 562-113 562-115 



2.5mm<sup>2</sup>

DDICE

### **FUSED TERMINAL BLOCK**

**MAINS FUSED TERMINAL BLOCK** 3-pole terminal strip with 5 x 20mm and  $6.3 \times 25$ mm fuse holder to IEC257. Antirotation spigot, IP20 finger protection. Cable entry 10mm<sup>2</sup>· 3 pole with earth screw and washer. Meets creepage and clearance requirements of IEC. 16mm fixing pitch.

Technical Specification	3110
Voltage rating	250V AC
Current rating	13A
Working temperature	125°C
Moulding	UL94V-0 flame retardant polyamide 66
Terminal	Brass nickel plated
Fuse dip	Phosphor bronze
Screws	M3.5, 7 microns zinc, colour passivated and tropicallised.
CODE TYPE	PRICE
08-0034 Mains Fused Term	inal Block£1.90

### **STEATITE (CERAMIC) TERMINAL BLOCKS**

**STEATITE TERMINAL BLOCKS** these steatite terminal blocks have been designed for high temperature applications. Steatite is an alternative to cermics. The advantages over ceramics include higher density and higher dielectric strength. Designed for use where appliance temperatures are high. Touch safe design. Ideal for ovens, furnaces, kilns, infrared heaters and catering equipment, etc. Fitted with nickel plated brass connectors, suitable for temperatures up to 350°C

CODE	TYPE	PRICE
08-0036	Steatite Terminal Block 2 Way 24A	£1.79
08-0038	Steatite Terminal Block 4 Way 24A	£1.99
08-0040	Steatite Terminal Block 2 Way 57A	£2.39
08-0043	Steatite Terminal Block 4 Way 57A	£3.39

### **TAG STRIPS**

**MINIATURE TAG STRIP** with 28 hot tinned insulated tags mounted on a paxolin strip. Dims:- 194mm x 16.7mm x 4mm.

# 

CODE	TYPE	PRICE
TAS035	Miniature Tag Strip	£2.25

**TAG STRIP** 28 hot tinned tags mounted on a paxolin strip which may be cut if required, of the 28 tags 18 are insulated and 10 are earth points right-angled for fixing. Fixing centres 28.56mm x 4mm, Dims:- 266 x 18 x 10mm.

CODE	TYPE	PRICE
TAS040	Tag Strip 28 Tags	£2.90

**TAG BOARD** miniature SRBP bases with hot-tinned tags for easy soldering. 36 tags in 2 rows of 18. Dims:- L117 x W38 x H7.5mm.



CODE	TYPE	PRICE
TAB051	Tag Board 36 Tags	£2.99

### **SOLDER TAGS**

**SOLDER TAGS** hot tinned brass tags to suit both metric and BA screw sizes. Supplied in packs of 25.

CODE	TYPE	<b>PRICE</b>
TAG-M6	Solder Tags M6/OBA	£1.35
TAG-M5	Solder Tags M5/2BA	£1.35
TAG-M4	Solder Tags M4/3BA	£1.35
TAGM35	Solder Tags M3.5/4BA	£1.35
TAG-M3	Solder Tags M3/6BA	£1.35
TAG-M2	Solder Tags M2/8BA	£1.35

### **TELEPHONE CONNECTION PLUGS & SOCKETS**

**MODULAR PLUGS** a range of modular plugs and sockets which are commonly used in both telecommunications and computer equipment. A range of PCB

mounting sockets (not illustrated) are also available. Sold individually.



CODE	TYPE	PRICE
563-366	Modular Plug RJ-22 4P-4C	£0.35
563-368	Modular Plug RJ-11 6P-4C	£0.49
563-369	Modular Plug RJ-25 6P-6C	£0.39
561-007	Modular Plug RJ-12 6P-6C	£0.37
563-370	Modular Plug RJ-45 8P-8C	£0.49
561-458	Communication Connector PCB Skt 4/4	£0.86
561-459	Communication Connector PCB Skt 6/4 (RJ11)	£1.09
561-460	Communication Connector PCB Skt 6/6 (RJ12)	£1.25
561-461	Communication Connector PCB Skt 8/8 (RJ45)	£1.55

**RJ45 STRAIN RELIEF BOOTS** Plastic strain relief boots for fitting to RJ45 data connectors. Designed to accept 4 pair UTP and STP

cable and snap onto rear of the plug. The hood covers the plug latching allowing operation of the latch. Available in six colours.



CODE TYPE	PRICE
08-0120 RJ45 Strain Relief Grey Boot	£0.40
08-0122 RJ45 Strain Relief Black Boot	£0.40
08-0124 RJ45 Strain Relief Red Boot	£0.40
08-0126 RJ45 Strain Relief Blue Boot	£0.40
08-0128 RJ45 Strain Relief Green Boot	£0.40
08-0130 RJ45 Strain Relief Yellow Boot	£0.40

RETROFIT RJ45 STRAIN RELIEF BOOTS Plastic strain relief boots which can be fitted to ready assembled leads without the need to dismantle the assembly. The cover snaps together around

plug and cable Provides protection to the plug and cable strain relief.



CODE	TYPE	PRICE
08-0098	Retrofit RJ45 Strain Relief Black Boot	£0.55
08-0100	Retrofit RJ45 Strain Relief Red Boot	£0.55

**LINE PLUG 4 AND 6 WAY** a range of 4 and 6 way line plugs approved by B.T. for use on telephones to connect to a line jack unit. Sold individually.

CODE	TYPE	PRICE
561-805	Line Plug 6 Way 631A	£0.69

**LINE JACK UNIT 2 SURFACE MOUNTED** a range of line jack units approved by B.T. for use on telephones, two versions are available, a Master and a Secondary. The Master should be the first or only line jack connected to the telephone line and the sec-

ondary line jacks are used if any extension points are installed. Supplied complete with back box. Screw terminal connections. Sold individually.



CODE	TYPE	<b>PRICE</b>
561-810	Line Jack Master LJU2/4A	£4.99
561-815	Line Jack Secondary LJU2/6A	£3.99

**LINE JACK UNIT 3 FLUSH MOUNTED** a range of line jack units approved by B.T. for use on telephones, two versions are available, a Master and a Secondary. The Master should be the first or

only line jack connected to the telephone line and the secondary line jacks are used if any extension points are installed. Screw terminal connections.



CODE	TYPE	PRICE
561-820	Line Jack Master LJU3/4A Flush Mount	£4.79
561-825	Line Jack Secondary LJU3/6A Flush Mount	£3.49

SINGLE MODULAR TELEPHONE OUTLET a flush mount, single

modular telephone outlet with a spring loaded cover plate. 6P4C.

Dimensions 85 x 85 x 10mm.



CODE	TYPE	PRICE
562-101	Single Modular Telephone Outlet 6P4C	£1.99

**SINGLE MODULAR TELEPHONE OUTLET** a flush mount, single

modular telephone outlet. with a spring loaded cover plate. 8P8C. Dimensions 85 x 85 x 10mm.



CODE	TYPE	PRICE
562-103	Single Modular Telephone Outlet 8P8C	£4.99

BT SLAVE WALL SOCKET WITH INTEGRAL ADSL FILTER a flush mount 3/6A wall socket which allows use of your telephone

line and broadband connection simultaneously. Screw terminal connection. Dimensions 68 x 68 x 29mm.



CODE	TYPE	PRICE
561-969	BT Slave Wall Socket With ADSL Filter	£9.99

### **TELEPHONE ACCESSORIES**

**MODULAR SOCKET** a single, surface mount modular telephone socket. Complete with fixing screws and adhesive pad.



CODE	TYPE	PRICE
562-012	Modular Socket 2 x 4 Pin Socket 6P4C	£1.69
562-032	Modular Socket 2 x 8 Pin Socket 8P8C	£1.79

**TELEPHONE JUNCTION BOX** junction box with screw terminal connection.

CODE	TYPE	<b>PRICE</b>
561-948	Telephone Junction Box	£2.99

MODULAR DUPLEX SPLITTER converts a single wall outlet into a double outlet, allowing the use of two telephones from the one outlet.

CODE	TYPE	PRICE
562-003	Modular Duplex Splitter 2 x 4 Pin Socket (RJ11).	£2.99
562-023	Modular Duplex Splitter 2 x 8 Pin Socket (RJ45).	£2.99

MULTIPLE OUTLET ADAPTORS a range of adaptors which plug

into master or secondary line jack units to allow easy connection of further telephones, fax machines or telephone answer machine etc. Sold individually.

CODE	TYPE		PRICE
561-830	Line Jack	2-Way Outlet Adaptor	£2.99
561-833	Line Jack	4-Way Outlet Adaptor	£4.99

ADSL SPLITTER/MICROFILTER plugs directly into BT wall socket allowing the connection of telephony equipment and ADSL

modem. It has 1 x RJ-11 socket for DSL connection and 1 x BT431A filtered socket for Phone/ Fax connection. Up to 4 filters can be used on a single telephone line.

CODE	TYPE	PRICE
561-836	ADSL Splitter/Microfilter	£5.99

**MODULAR CORD COUPLER** enables two modular cords to be joined together to extend their length.

CODE	TYPE	<b>PRICE</b>
562-009	Modular Cord Coupler 2 x 4 Pin Socket (RJ11)	£1.99
562-029	Modular Cord Coupler 2 x 8 Pin Socket (RJ45)	£1.99

**RJ45 DOUBLE ADAPTOR** allows connection of 2 x RJ45 devices into a single socket.

CODE	TVDE	DDICE

TELEPHONE EXTENSION LEAD 5 METRE simple extension

RJ45 Double Adaptor.....£3.99

leads which allows the user to reposition equipment quickly and easily. Usually used to reposition equipment within the same room.



CODE	TYPE	PRICE
561-839	Telephone Extension Lead 3 Metre	£2.99
561-840	Telephone Extension Lead 5 Metre	£3.99
561-841	Telephone Extension Lead 10 Metre	£4.99
561-842	Telephone Extension Lead 15 Metre	£5.99
561-843	Telephone Extension Lead 20 Metre	£7.99

561-960

**LOW PROFILE TELEPHONE EXTENSION LEADS** a range of low profile leads to extend your telephone line. Low profile flat 4-way cable for easy concealment and low profile BT431A plug and BT socket. Available in 3m, 5m, 10m and 15m lengths.



PRICE
£2.99
£3.99
£4.99
£5.99

**TELEPHONE EXTENSION REEL 15M** a Telephone extension reel with 2 x UK sockets. Cable 5 x 0.1mm. Cable length 15m.



CODE	TYPE	<b>PRICE</b>
08-0145	Telephone Extension Reel with 2 UK Sckts 15m.	£9.99

**MODULAR EXTENSION REEL 15M** an extension reel with 1 x RJ11 plug to 2 x RJ11 sockets. Cable 5 x 0.1mm. Cable length 15m



BROADBAND REELER WITH ADSL FILTER 10m extension reel which allows use of your telephone line and broadband connection simultaneously. Incorporating standard BT and RJ11 sockets with integral ADSL filter. Dimensions 30 x 152mm dia.



CODE	TYPE	PRICE
561-963	Broadband Reeler	£13.99

**TELEPHONE EXTENSION KIT** plug-in extension kits consisting of a compact extension socket and a single adaptor. The 30 metre kit is supplied with 2 2 extension sockets.



CODE	TYPE	PRICE
561-912	Telephone Extension Kit 20 Metre	£9.89

LINE CORD RJ11 - UK BTB31A a line cord RJ11 plug to UK BT431A telephone plug reversed wired for use as a replacement modem lead. Cable 5 x 0.1mm, available in 3m, 5m and 10m lengths.

CODE	TYPE	PRICE
08-0147	Modem Lead RJ11Plug - UK BT431A 3m	£1.99
08-0153	Modem Lead RJ11Plug - UK BT431A 5m	£2.99
08-0159	Modem Lead RJ11Plug - UK BT431A 10m	£4.50

MODULAR ADSL LEADS a range of 6P4C (RJ11) male to male leads. Sold individually.

CODE	TYPE	PRICE
562-080	Modular ADSL Lead White 3 Metre	£1.99
562-086	Modular ADSL Lead White 5 Metre	£2.50
562-092	Modular ADSL Lead White 10 Metre	£3.99
562-095	Modular ADSL Lead Black 10 Metre	£3.99
562-098	Modular ADSL Lead White 20 Metre	£6.99

**TELECOM TO MODEM ADAPTOR** an adaptor which converts an existing telephone socket (BT431A) to an RJ11 connector suitable for most modem connections. When used

with a 3-Way Outlet Adaptor (Code 561-832) both telephone and modem connections can be maintained.

CODE	TYPE	PRICE
561-831	Telecom to Modem Adaptor	£2.25

**UK SOCKET AND MODEM ADAPTOR** a straight wired UK socket for telephone and a reverse wired RJ11 socket for modems.



CODE	TYPE	PRICE
08-0168	UK Telephone Socket and Modem Adaptor	£2.99

RJ11 SOCKET TO UK PLUG ADAPTOR a UK plug to reverse wired P 111 socket. For use with

wired RJ11 socket. For use with modems or converting telephones with USA wiring to UK.

CODE	TYPE	PRICE
08-0177	RJ11 Socket to To UK Plug Adaptor	£2.50

RJ11 MASTER TO UK SOCKET ADAPTOR a reverse wired RJ11 (6p4c) plug to UK socket adaptor with integral bell capacitor.

CODE	TYPE	PRICE
08-0270	RJ11 Master to UK Socket Adaptor	£2.99

STANDARD ADSL TELEPHONE FILTER a UK plug to socket telephone filter to restrict interference on a telephone line when used at the same time as an ADSL modem.

•	CODE	TYPE	PRICE
)	08-0117	Standard ADSL Telephone Filter	£2.99

**BT/RJ45 LEADED ADAPTOR** BT/RJ adaptors enable telephone equipment fitted with BT telephone plugs to be connected to RJ45 structured wiring systems. These BT socket to RJ45 plug are fitted with 150mm of cable. Body length of socket is 65mm.



CODE	TYPE	PRICE
561-862	BT/RJ45 secondary adaptor	£3.65
561-864	BT/RJ45 PABX adaptor	£4.45

**HANDSET TO PHONE SPARE LEAD** a standard coiled lead which is fitted with 4p4c plug to plug to fit most telephones. Length 2m, cable 5 x 0.1mm. Use as a spare handset lead. Available in Black only.

CODE		<b>PRICE</b>
561-848	Handset to Phone Spare Lead Black	£2.99

**BELL RINGER** a plug-in bell ringer which can be plugged into a remote socket or used in-line with a telephone. The unit has been improved to also feature an optical warning.



CODE	TYPE	PRICE
561-212	Bell Ringer Switched	£9.99

### **PUNCH DOWN TOOL**

**IMPACT PUNCH DOWN TOOL** a high quality tool for inserting wires into telephone master and secondary sockets. The blade is reversible, one end fixes the 4 wires into the socket without cutting the tails, the other end has a blade which cuts off the excess wire. Length 140mm.



CODE	TYPE	PRICE
561-142	Impact Punch Down Tool	£14.99

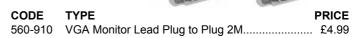
### **COMPUTER LEADS**

**PARALLEL PRINTER LEADS** 25-pin D male socket to 36-pin Centronics male socket. All pins wired and shielded. Bi-tronics version. 2m and 5m lengths.



CODE	TYPE	PRICE
560-894	Paralled Printer Lead 25 Pin D Plug 2M	£3.99
560-896	Paralled Printer Lead 25 Pin D Plug 5M	£5.99

VGA MONITOR LEAD Standard VGA monitor lead with 15 pin D connectors. 2m length.



MODEM LEAD 25 pin D plug to 9 pin D socket. 2m length.



CODE	TYPE	PRICE
560-914	Modem Lead 9 Pin Skt to 25 Pin Plug	£3.99

**HQ VGA MONITOR LEADS** a range of high-quality VGA monitor lead with 15-pin D connectors. All pins wired and shielded. Available as plug to plug and plug to sockets types.



	The state of the s	
CODE	TYPE PRI	ICE
560-147	HQ VGA Monitor Lead Plug - Plug 2m £6	.99
560-121	HQ VGA Monitor Lead Plug - Plug 5m£11	.99
560-716	HQ VGA Monitor Lead Plug - Plug 10m£17	'.99
560-117	HQ VGA Monitor Lead Plug - Socket 2m £6	.99
560-113	HQ VGA Monitor Lead Plug - Socket 5m £12	2.99
560-961	HQ VGA Monitor Lead Plug - Socket 10m£27	'.99

### **NETWORK LEADS**

**CROSSOVER NETWORK PATCH LEADS** a range of leads of crossover network cable with RJ45 connectors and double screening. Allows network connection of 2 PC's without the use of a hub or switch. Grey cable available in a range of lengths.



CODE	TYPE	PRICE
560-224	Crossover Network Patch Lead 2M	£2.79
560-226	Crossover Network Patch Lead 5M	£4.39
560-228	Crossover Network Patch Lead 10M	£7.50
560-230	Crossover Network Patch Lead 15M	£10.69

**UTP CAT5 PATCH LEADS** a range of unshielded twisted pair patch leads with 2 x RJ45. These CAT5 leads are ideal for patching within standard 19" rack systems etc. Grey cable available in a range of lengths.

CODE	TYPE	PRICE
560-279	UTP CAT5 Patch Lead 1M	£2.29
560-281	UTP CAT5 Patch Lead 2M	£2.99
560-282	UTP CAT5 Patch Lead 3M	£3.20
560-283	UTP CAT5 Patch Lead 5M	£4.99
560-284	UTP CAT5 Patch Lead 10M	£7.29
560-298	UTP CAT5 Patch Lead 15M	£10.99
560-306	UTP CAT5 Patch Lead 20M	£12.99
560-327	UTP CAT5 Patch Lead 30M	£17.99

**CAT5E RJ-45 FACEPLATE FOR KEYSTONE JACK** a range of shuttered RJ-45 faceplates with single or twin outlets for network applications. 568A/B UTP wiring layout, IDC termination. Fits standard 1 gang back boxes. Keystone RJ-45 modular sockets



CODETYPEPRICE08-0634Cat5e RJ-45 Faceplate for Keystone Jack Single£3.9908-0637Cat5e RJ-45 Faceplate for Keystone Jck Double£4.99

**RJ-45 KEYSTONE JACK** Keystone modular sockets compatible with RJ-45 face plates. The socket clips into face plate to allow ease of wiring. 568A/B UTP wiring layout, IDC termination.



CAT5e RJ-45 PATCH PANEL 24 PORTS a 24 channel 19" rack mount patch panel engineered to meet the highest performance standards. 24 RJ-45 (8p8c) ports, punch down IDC type connections for secure signal integrity. 568A/568B compatible. Each port is clealy numbered, black metal finish. Supplied with mounting hardware and cable ties. Dimensions 482 x 44 x 33mm, Weight 956gm.



 CODE
 TYPE
 PRICE

 08-1159
 CAT5e RJ-45 Patch Panels 24 Ports.......£29.99

**CAT5E RJ-45 PATCH PANEL 48 PORTS** a 48 channel 19" rack mount patch panel engineered to meet the highest performance standards. 48 RJ-45 (8p8c) ports, punch down IDC type connections for secure signal integrity. 568A/568B compatible. Each port is clealy numbered, black metal finish. Supplied with mounting hardware and cable ties. Dimensions 482 x 88 x 33mm, Weight 956gm.



 CODE
 TYPE
 PRICE

 08-0990
 CAT5E RJ-45 Patch Panels 48 Ports......£59.99

### **USB LEADS**

USB LEAD INTERCONNECT USB-A TO MINI-USB a high quality interconnect featuring 24k gold plated connectors with oxygen free copper conductors, individually screened for super high performance and teflon insulation. This USB cable is ideal for connection with smaller peripherals such as digital cameras, MP3 players. Using moulded connectors and shielded cable, this superior high quality interconnect is ideal for an upgrade from standard USB cables. Cable length 1.8M

 **USB 2.0 LEADS** a range of leads with USB A plug to USB A plug. Available in Black cable.

CODE TYPE PRICE
563-640 Lead USB A Plug - USB A Plug 1.8m Black........ £4.39

**USB 2.0 LEADS** a range of leads with USB A plug to USB B socket. Available in Black cable.

CODETYPEPRICE563-643Lead USB A Plug - USB B Socket 1.8m Black.....£3.99563-645Lead USB A Plug - USB B Socket 5m Black......£4.99

USB 2.0 EXTENSION LEADS a range of leads with USB A plug to USB A socket. Available in Black cable.

CODETYPEPRICE563-075USB Ext Lead USB A Plg-USB A Skt 1.8m Black£4.99563-063USB Ext Lead USB A Plg-USB A Skt 5m Black£5.99

### **MOBILE PHONE DATA LEADS**

**USB DIGITAL CAMERA LEAD** a USB A plug to 4-pin Mitsumi plug. Designed for digital cameras and mini players.

CODE TYPE PRICE
563-600 Dig Camera Lead USB A Plg-4 Pin Mitsumi Plg... £4.99

USB DIGITAL CAMERA LEAD a USB A plug to 4-pin Fuji plug. Designed for digital cameras and mini players.

CODETYPEPRICE563-093Digital Camera Lead USB A Plug-4 Pin Fuji Plug£5.35

**USB DIGITAL CAMERA LEAD** a USB A plug to 5-pin mini USB plug. Designed for digital cameras and mini players.

**CODE**563-690

TYPE
PRICE
563-690

Dig Camera Lead USB A Plg- 5Pin Mini USB Plg £4.50

**USB DIGITAL CAMERA LEAD** a USB A plug to 8-pin mini plug. Designed for digital cameras and mini players.

CODE TYPE PRICE
563-531 Dig Camera Lead USB A Plug - 8 Pin Mini Plug.. £4.69

### **USB ADAPTORS**

**USB ADAPTOR** a USB adaptor of A female to B female.



**USB ADAPTOR** a USB adaptor of A female to B male.



USB ADAPTOR a USB adaptor of A female to B male.



### **PS2 MOUSE ADAPTORS**

**PS2 MOUSE ADAPTOR** a of PS2 mouse adaptor with 6 pin mini DIN socket to 9 pin D plug. Sold individually.



CODE TYPE PRICE
563-119 PS2 M/Adapt 6 Pin Mini Din Skt - 9 Pin D Plug.... £2.99

**PS2 MOUSE ADAPTOR** a range of PS2 mouse adaptors. 2 types are available either 6 pin mini DIN socket to 9 pin D plug or 6 pin mini DIN plug to 9 pin D plug. Sold individually.



CODETYPEPRICE563-150PS2 Keyboard Adaptor 5 Pin Socket - 6 Pin Plug£2.49563-287PS2 Keyboard Adaptor 5 Pin Plug - 6 Pin Socket£2.79

**USB TO PS2 MOUSE ADAPTOR** a PS2 plug to USB socket adaptor that allows older computers to use mice that only have USB connections. Green colour coded, no additional software required.



CODE TYPE PRICE 05-0367 USB to PS2 Mouse Adaptor.......£1.69

**USB TO PS2 KEYBOARD ADAPTOR** a PS2 plug to USB socket adaptor that allows older computers to use keyboards that only have USB connections. Purple colour coded, no additional software required.

**USB KEYBOARD/MOUSE ADAPTOR** a USB A plug to 2 x PS/2 sockets. This adaptor allows a PS/2 keyboard and PS/2 mouse to be used with a USB compatible PC or Notebook. PS/2 connectors are colour coded with ID for application.



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THAT YOU WOULD LIKE US
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FREE TO LET US KNOW.

EXHIBITION SALES STAND
WE AIM TO EXHIBIT AS WIDE A
RANGE AS POSSIBLE AT SHOWS, BUT
DUE TO SPACE RESTRICTIONS WE
ARE NOT ABLE TO FEATURE EVERY
PRODUCT. IF YOU CONTACT US A
FEW DAYS PRIOR TO AN EVENT WE
WILL TRY TO ENSURE A PRODUCTS
AVAILABILITY AT THAT SHOW