

**CABLES
CONNECTORS
POWER SUPPLIES
TOOLS**

CATALOG

6

CATALOG 6

POWER » DATA » COMPUTER » TELECOMS

ACCESS COMMUNICATIONS PTY LTD

CATALOG 6

Dear Customer

Welcome to our 6th edition Product Catalog.

We're sure you'll agree that the wait for this catalog has been worth it. Over 50 new products have been introduced in this edition, with upgrades and improvements to many existing products. New photographs provide greater detail and improved tables clearly list all variations.

Our expanded range of cables now includes Coaxial, Security, Speaker and Cat-6. Associated connectors and tools have also been added to supplement these new cables.

Despite recent pressures from fluctuating exchange rates and material costs, our competitive prices have been maintained by working closely with suppliers.

Our website www.accesscomms.com.au allows online viewing of the new catalog, provides product specifications and includes an extensive technical reference section. Don't forget to regularly check www.accesscomms.com.au/newproducts for updates to our product range.

Thanks for your valued and continued support.

Best regards

Management and Staff

Access Communications Pty Ltd

Cables

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4 Conductor
5 Conductor Shielded
6 Conductor
8 Conductor
8 Conductor Braided/Shielded
10 Conductor
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Cat-5E 2-Pair Patch Cord with Stranded Conductors
Cat-5E Patch Cord with Stranded Conductors
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Cat-6 LAN Cable with Solid Conductors
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ADSL Filter/Splitter
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Cat-5E Cross-over Cords
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Patch Panels
Wall Bracket
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Cat-5E Splitter
Cat-5E Coupler
Cat-5E Right-angle Keystone Coupler
Keystone Surface Boxes
Keystone Flush Plates
Flush Plate Adaptors
Cat-5E Keystone Jack
Cat-6 Keystone Jack
Pay TV F-Connector
USB Cord
HD26 Cords
DB Ribbon Cords
DB Cords
Modular/DB Adaptor
PABX Cables

Modular

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4 Position Modular Plug
6 Position Modular Plug
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6 Position Long Body Modular Plug
8 Position Modular Plug
8 Position Keyed Modular Plug
Cat-6 8-Position Modular Plug
10 Position Modular Plug
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Case Mount Sockets
Modular Coupler
Modular 3-Way Coupler
Modular Double Adaptor
Modular Triple Adaptor

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Side Entry Surface Mount
Duplex Side Entry Surface Mount
Skirting Mount Side Entry
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RJ45/RJ45 Modular Line Cord
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Australian Telephone Line Cords

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Coupler BT/NZ
Double Adaptor BT/NZ
Extension Cord BT/NZ
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50/100 Pair Distribution Box
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Universal Loud Sounding Alarm
Tone Ringer
Extension Bell
Extra Loud Bell
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Power Cords

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Mains Cord
Right Angle Mains Cord
Extension Power Cord
IEC Power Cord
IEC-C7 Appliance Power Cord
High Temp IEC-C15 Appliance Cord
IEC Power Cord with Right Angle Plug
IEC-C5 Appliance Cord
IEC Extension Cord (PC Monitor Cord)
IEC Monitor Y Cord
IEC Mains Socket Y Cord
IEC Mains Y Cord
Mains Socket IEC Cord
European IEC-C13 Power Cord
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AC Adaptors

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AC Adaptors
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Switch Mode Power Supplies

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Professional 2-in-1 Modular Tool
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H1130 Crimp Tool
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Coaxial Cable Stripper
IDC Impact Tool
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BNC Coupler
BNC Double Adaptor
RCA / BNC Adaptor
BNC Crimp Plug for RG59/U
F-type Crimp Plug for RG6/U
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Y-Terminals
Gel Connectors

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Line Isolation Units for Music On Hold
Message Waiting Light
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Toroid
Commander Hookswitch
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Calling Line Identification Unit
Telephone Receivers and Transmitters
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DTMF Encoder
Telephone Shoulder Rest
Answering Machine Cassettes
Micro Cassettes MC-60
AR8200 Mk 3 Receiver
Frequency Register
WineKeeper®

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Flat Line Cord

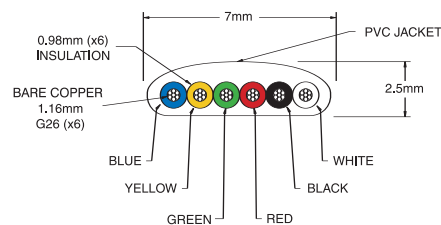


General purpose flat telephone line cord suitable for termination to modular plugs. 7/0.16mm stranded copper conductors. UL type 20251. Cord with tinsel conductors also stocked. Available in various colors and reel sizes.

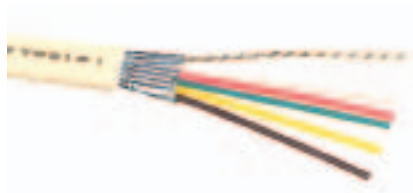
6 Conductor



CAT #	COLOR	REEL SIZE
Y9300	Ivory	500 Metre
Y9305	Ash	500 Metre
Y9310	Black	500 Metre
Y9320	Yellow	500 Metre
Y9301	Ivory	100 Metre
Y9306	Ash	100 Metre
Y9311	Black	100 Metre



5 Conductor Shielded



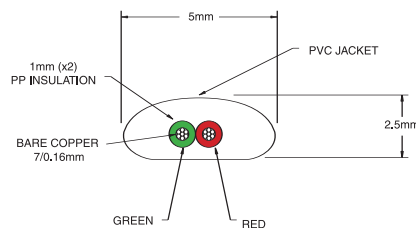
5 conductor shielded flat cord with drain wire. The 5 conductors are 26AWG PP insulated 12/0.12mm tinned stranded copper. Drain wire is copper foil wrapped 24AWG 9/0.12mm. Shield is aluminium/polyester tape.

CAT#	COLOR	REEL SIZE
Y9010	Ash	200 Metre

2 Conductor



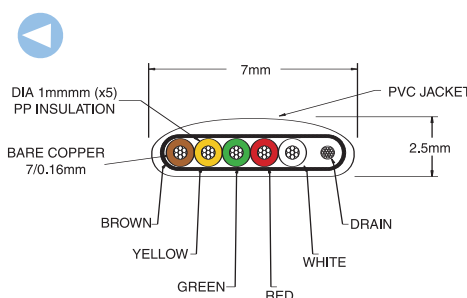
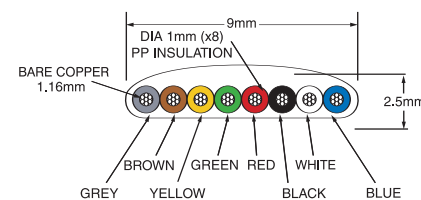
CAT#	COLOR	REEL SIZE
Y9100	Ivory	500 Metre
Y9105	Ash	500 Metre
Y9110	Black	500 Metre



8 Conductor



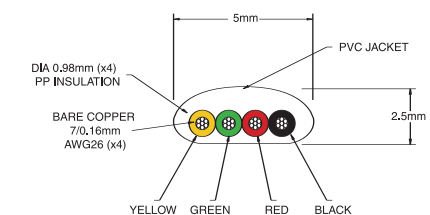
CAT#	COLOR	REEL SIZE
Y9400	Ivory	500 Metre
Y9405	Ash	500 Metre
Y9410	Black	500 Metre
Y9401	Ivory	100 Metre
Y9406	Ash	100 Metre
Y9411	Black	100 Metre



4 Conductor



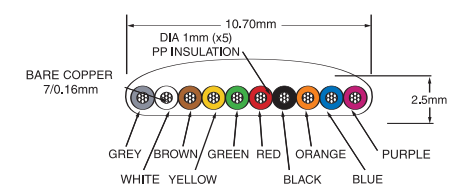
CAT#	COLOR	REEL SIZE
Y9200	Ivory	500 Metre
Y9205	Ash	500 Metre
Y9210	Black	500 Metre
Y9235	White	500 Metre
Y9250	Pink	500 Metre
Y9252	Yellow	500 Metre
Y9254	Green	500 Metre
Y9256	Red	500 Metre
Y9270	Light Grey	500 Metre
Y9201	Ivory	100 Metre
Y9206	Ash	100 Metre
Y9211	Black	100 Metre
Y9251	Pink	100 Metre
Y9253	Yellow	100 Metre
Y9255	Green	100 Metre
Y9257	Red	100 Metre
Y9271	Light Grey	100 Metre



10 Conductor



CAT#	COLOR	REEL SIZE
Y9505	Ash	200 Metre
Y9510	Black	200 Metre
Y9515	Yellow	250 Metre



Pull Box



Our Cat-5E and Cat-6 cables are available packed in durable Datamaster® 305 Metre 5-ply pull-boxes.

Cat-5E FTP Stranded Patch Cord



new

Shielded FTP (Foil Twisted Pair) Cat-5E cord with 7/0.20mm stranded conductors in 4 twisted pairs. Conductors are wrapped with aluminium foil shield and mylar tape. Tinned 7/0.30 drain wire. Count-down metre-markings.

CAT#	COLOR	REEL SIZE
Y8153BLU	Blue	305 Metre
Y8153GRY	Grey	305 Metre

Cat-5E 2-Pair Patch Cord with Stranded Conductors



new

2-pair Cat-5E cord with 2 twisted pairs 24AWG with 7/0.20mm stranded conductors as used for ISDN patch cords and other applications. Supplied on 305 Metre reels. Count-down metre-markings.

CAT#	COLOR	REEL SIZE
Y8123GRY	Grey	305 Metre

Cat-5E Patch Cord with Stranded Conductors



Our quality Cat-5E cord is suitable for assembly of patch cords and is available in 11 colors. 4 twisted pairs 24AWG with 7/0.20mm stranded conductors. Available on 100 and 305 Metre reels or in durable 305 Metre 5-ply pull-boxes. Count-down metre-markings.

CAT#	COLOR
305 Metre Pull Box	
Y8100BLU	Blue
Y8100YEL	Yellow
Y8100RED	Red
Y8100GRN	Green
Y8100ORA	Orange
Y8100PUR	Purple
Y8100WHI	White
Y8100ASH	Ash
Y8100PNK	Pink
Y8100GRY	Grey
Y8100BLK	Black
305 Metre Reel	
Y8103BLU	Blue
Y8103YEL	Yellow
Y8103RED	Red
Y8103GRN	Green
Y8103ORA	Orange
Y8103PUR	Purple
Y8103WHI	White
Y8103ASH	Ash
Y8103PNK	Pink
Y8103GRY	Grey
Y8103BLK	Black
Y8103SKY	Sky Blue
100 Metre Reel	
Y8101BLU	Blue
Y8101ASH	Ash

Cat-6 Patch Cord with Stranded Conductors



new

Our quality Cat-6 cord is suitable for assembly of patch cords. Our special P2176 modular plugs must be used when terminating this cable to achieve Cat-6 performance. 4 twisted pairs 24AWG with 7/0.20mm stranded conductors. Available in 305 Metre durable 5-ply pull-boxes with count-down metre-markings.

CAT #	COLOR	LENGTH	PACKING
Y8600BLU	Blue	305 Metre	Pull-box
Y8600GRN	Green	305 Metre	Pull-box
Y8600PUR	Purple	305 Metre	Pull-box
Y8600YEL	Yellow	305 Metre	Pull-box
Y8600RED	Red	305 Metre	Pull-box

Cat-5E LAN Cable with Solid Conductors



For Cat-5E premises wiring. 4 twisted pairs with solid copper conductors suitable for IDC terminations to patch panels and wall jacks. Available on 100 Metre reels or in durable 305 Metre 5-ply pull-boxes. Count-down metre-markings.

CAT #	COLOR	LENGTH	PACKING
Y8401BLU	Blue	100 Metre	Reel
Y8400BLU	Blue	305 Metre	Pull-box
Y8400GRN	Green	305 Metre	Pull-box
Y8400GRY	Grey	305 Metre	Pull-box
Y8400YEL	Yellow	305 Metre	Pull-box
Y8400RED	Red	305 Metre	Pull-box
Y8400WHI	White	305 Metre	Pull-box

Cat-6 LAN Cable with Solid Conductors



new

Cat-6 cable for the installation of premises wiring. Four 23AWG twisted solid copper pairs suitable for IDC terminations on patch panels and wall jacks. Pairs are separated by a PVC spline which maintains cable geometry and separation between pairs. Available on 100 Metre reels or in durable 305 Metre 5-ply pull-boxes with count-down metre-markings.

CAT #	COLOR	LENGTH	PACKING
Y8501GRY	Grey	100 Metre	Reel
Y8500BLU	Blue	305 Metre	Pull-box
Y8500GRY	Grey	305 Metre	Pull-box

8 Conductor Braided/Shielded



UL2024 cable with 8 x 20AWG stranded conductors plus drain wire. Braid and foil shielding with black jacket.

CAT #	REEL SIZE
Y8140	150 Metre

RG6/U Dual-shield Coaxial Cable



new

RG6/U dual-shield 75 ohm coaxial cable for TV and security camera applications. Low-loss for use on long runs. Aluminium braid and foil shield. Gas-injected (foamed) PE dielectric. Copper clad steel conductor for tensile strength and reliable connection to F-connectors. Black jacket with count-down metre marking. Supplied on strong polypropylene reels.

CAT #	REEL
Y8021	100 Metre
Y8023	305 Metre
Y8025	500 Metre

RG59 Solid Copper Coaxial Cable



new

RG59/U coaxial cable for security camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Solid copper conductor. Black jacket with count-down metre marking. Supplied on strong polypropylene reels.

CAT #	REEL
Y8055	500 Metre
Y8056	250 Metre
Y8057	100 Metre

RG59 Solid Copper Composite Coaxial Cable



new

Composite cable containing an RG59/U coaxial cable plus a red and a black insulated 24/0.20 conductor. Suitable for CCTV/security camera use where a power feed is required for the camera and/or pan/tilt mechanism. Solid copper core. Outer jacket is flexible black PVC. Supplied on strong polypropylene reels.

CAT #	REEL
Y8062	250 Metre
Y8063	100 Metre

RG6/U Quad-shield Coaxial Cable



new

RG6/U quad-shield 75 ohm coaxial cable for Digital TV, CATV, SATV and CCTV applications. Low-loss for use on long runs. Aluminium braids and foil shields. Gas-injected (foamed) PE dielectric. Copper clad steel conductor for tensile strength and reliable connection to F-connectors. Black jacket with count-down metre marking. Supplied on strong polypropylene reels.

CAT #	REEL
Y8041	100 Metre
Y8043	305 Metre
Y8045	500 Metre

RG59 Copper Clad Steel Coaxial Cable



new

RG59/U coaxial cable for security camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Copper clad steel conductor for high tensile strength to military spec MIL-17/29. Black jacket with count-down metre marking. Supplied on strong polypropylene reels.

CAT #	REEL
Y8054	500 Metre
Y8058	250 Metre
Y8059	100 Metre

RG59 Copper Clad Steel Composite Coaxial Cable



new

Composite cable containing an RG59/U coaxial cable plus a red and a black insulated 24/0.20 conductor. Suitable for CCTV/security camera use where a power feed is required for the camera and/or pan/tilt mechanism. Copper clad steel core to military spec MIL-17/29. Outer jacket is flexible black PVC. Supplied on strong polypropylene reels.

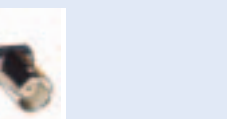
CAT #	REEL
Y8060	250 Metre
Y8061	100 Metre

RELATED PRODUCTS

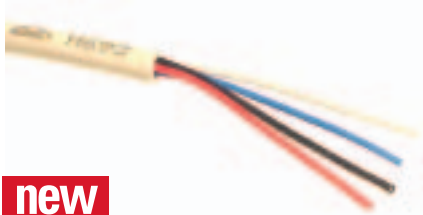
Coaxial Tools Page 27



Coaxial Connectors and Adaptors Page 28



4 Conductor Security Cable



new

Multicore 4 conductor cable for security applications with either 7/0.20mm or 14/0.20mm stranding. Supplied on 100 Metre strong polypropylene reels with count-down metre markings. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	COLOR	CONDUCTORS	REEL
Y4141WHI	White	4 x 7/0.20mm	100 Metre
Y4141GRY	Grey	4 x 7/0.20mm	100 Metre
Y4241WHI	White	4 x 14/0.20mm	100 Metre
Y4241GRY	Grey	4 x 14/0.20mm	100 Metre

6 Conductor Security Cable



new

Multicore 6 conductor cable for security applications with either 7/0.20mm or 14/0.20mm stranding. Supplied on 100 Metre strong polypropylene reels with count-down metre markings. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	COLOR	CONDUCTORS	REEL
Y4161WHI	White	6 x 7/0.20mm	100 Metre
Y4261WHI	White	6 x 14/0.20mm	100 Metre

8 Conductor Security Cable



new

Multicore 8 conductor cable for security applications with either 7/0.20mm or 14/0.20mm stranding. Supplied on 100 Metre strong polypropylene reels with count-down metre markings. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	COLOR	CONDUCTORS	REEL
Y4181WHI	White	8 x 7/0.20mm	100 Metre
Y4281WHI	White	8 x 14/0.20mm	100 Metre

OFC Speaker Cable



new

High quality Oxygen Free Copper (OFC) speaker cable for excellent performance. The flat edge on one side of the transparent PVC jacket and printing on one conductor provides easy identification to avoid polarity-reversals during installation. Each conductor has 189 strands of 0.10mm diameter (38AWG) Oxygen Free Copper (twisted in 7 groups of 27) giving an overall conductor-size of 1.5mm² (approx 15AWG). Supplied on 100 Metre roll with count-down metre marking.

CAT #	REEL
Y3420	100 Metre

Speaker Cable



new

Quality heavy-duty figure-8 speaker cables with transparent PVC jacket available in 3 gauges. Trace-line on one conductor provides easy identification to avoid polarity-reversals during installation. Supplied on 100 Metre, strong polypropylene reels with count-down metre markings.

CAT #	JACKET	CONDUCTORS	REEL
Y3416	2 x 3.60mm	41/0.20	100 Metre
Y3424	2 x 3.60mm	79/0.20	100 Metre
Y3428	2 x 5.05mm	(7x37)259/0.12	100 Metre

General Purpose Figure-8 Cable



new

General purpose figure-8 cable suitable for speakers, security systems and other low voltage applications. Printing on one conductor provides easy identification to avoid polarity-reversals during installation. Each conductor has 24 strands of 0.20mm diameter copper wire giving an overall conductor-size of 0.75mm² (20AWG). Standard jacket color is white. Supplied on 100 Metre, strong polypropylene reels.

CAT #	COLOR	CONDUCTORS	REEL
Y3405WHI	White	2 x 24/0.20	100 Metre
Y3406WHI	White	2 x 24/0.20	250 Metre
Y3407WHI	White	2 x 24/0.20	500 Metre

Australian 3-Core Mains Flex



0.75mm² or 1.0mm² ordinary duty 3-core mains flex. Custom lengths, colors, stripping lengths and terminals available.

Australian 2-Core Mains Flex



0.75mm² light duty 2-core mains flex. Custom lengths, colors, stripping lengths and terminals available.

RELATED PRODUCTS

Round Cable Stripper Page 27

Cat-5E Keystone Jack



Suitable for use with Keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal plates by using an adaptor. Terminated with 110 or Krone impact tool. Combined T568A & T568B color coding for easy installation. Design incorporates loop for cable management. An impact safety chassis is available for safe and speedy termination.

CAT #	ITEM	COLOR
P4511	Jack	White
T0060	Safety Chassis	Black

Cat-6 Keystone Jack



new

Suitable for use with Keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal plates by using an adaptor. Terminated with 110 or Krone impact tool. Combined T568A & T568B color coding for easy installation. Design incorporates loop for cable management.

CAT #	COLOR
P4518	White

Pay TV F-Connector



Coaxial threaded F-connector as used for Digital TV and by Austar, Foxtel and Optus for Cable-TV or Sat-TV connections. Fits all standard Keystone flush plates, surface boxes and patch panels.

CAT #
P4522

Flush Plate Adaptors



Adaptor bezels to fit Keystone jacks into Australian Clipsal or HPM brand flush plates.

CAT #	SUITS PLATES	COLOR
P4590	Clipsal	White
P4590BLK	Clipsal	Black
P4592	HPM	White

Keystone Flush Plates



Flush type plates to accept our standard Keystone jacks, couplers and F-connectors. Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Supplied unloaded without Keystone jacks. Dimensions 70(W) x 114(H) x 6(D)mm.

CAT #	PORTS	COLOR
P4301	1	White
P4302	2	White
P4303	3	White
P4304	4	White
P4306	6	White

Keystone Surface Boxes



Side entry surface mount boxes to accept our standard Keystone 110 jacks. Snap-on cover for easy installation and access to wiring. Single and Duplex versions available. Double sided tape included for easy installation. Supplied unloaded without Keystone jacks.

CAT #	PORTS	COLOR	DIMENSIONS
P4311	Single	White	30(W) x 60(H) x 26(D)mm
P4312	Double	White	55(W) x 60(H) x 26(D)mm

Cat-5E Splitter



Cat-5E splitters enable 2 different devices to share the same cable and outlet. They are usually used in pairs, one at the outlet and one at the patch panel. Narrow design is ideal for high-density patch panels because the two sockets are mounted vertically to avoid blocking neighbouring sockets. Several standard wiring variants are available. Color is white.

CAT #	WIRING #	TYPE
P2332	2	Voice + Voice
P2334	4	Data + Data
P2335	5	Voice + Voice
P2336	6	Data + Voice
P2337	7	Parallel

Cat-5 Splitter



new

Cat-5 splitters enable two different devices to share the same cable. They are usually used in pairs, one at the outlet and one at the patch panel. The 100mm cord allows use in high-density panels. Several wiring configurations are available to split the four pairs to suit different applications. Packed in a zip-lock bag. Color is Ash.

CAT #	WIRING #	TYPE
P2312	2	Voice + Voice
P2313	3	Voice + Voice
P2314	4	Voice + Data
P2315	5	Data + Data
P2317	7	Parallel

new



Right-angle Cat-5E coupler for use with Keystone patch panels or Keystone wall plates. Allows ready-made Cat-5E patch cords to be used in fixed installations eliminating the use of solid cable, IDC terminations and tools. Can also be fitted to Australian HPM or Clipsal wall-plates by using an adaptor. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes.

CAT #
P2324

Cat-5E Coupler



Cat-5E coupler can be used to link 2 patch cords together or as a gender changer. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Color is white.

CAT #
P2325

Cat-5E Patch Cords



UTP stranded conductor Cat-5E patch cords with 4 twisted pairs using T568A color code. Injection-molded plug boots provide excellent strain relief. Standard Blue jacket color is available in all lengths with full color choice available in lengths up to 5 metres. When ordering, use color suffix on Cat # from table below to indicate color required. Packaged in Datamaster® heat-sealed hang-sell bags.

CAT #	LENGTH	COLOR SUFFIX CODES
W2650	0.5 Metre	Added as a suffix to the Primary Cat # to give an 8-character Cat # (e.g. W2665BLU).
W2651	1 Metre	
W2648	1.5 Metre	
W2652	2 Metre	
W2653	3 Metre	BLU = Blue
W2655	5 Metre	ASH = Ash
W2660	10 Metre	YEL = Yellow
W2665	15 Metre	RED = Red
W2670	20 Metre	BLK = Black
W2675	30Metre	GRN = Green
		PUR = Purple
		PNK = Pink
		ORA = Orange

Cat-5E Cross-over Cords



Cat-5E cross-over cords. Wiring is T568A to T568B which is used to daisy-chain switches/hubs or direct connection of 2 computer network interface cards. Red cord jacket with Blue injection-molded boots minimises chance of confusion with straight-thru cords.

CAT #	LENGTH
W2681RED	1 Metre
W2682RED	2 Metre
W2683RED	3 Metre
W2685RED	5 Metre
W2690RED	10 Metre
W2691RED	15 Metre
W2692RED	20 Metre
W2696RED	30 Metre

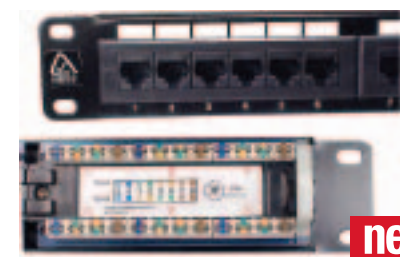
RJ45 Boots



PVC boots for 8 position RJ45 modular plugs to suit 6mm diameter Cat-5E or Cat-6 cord. Ideal for providing extra strain relief and easy color coding of patch cords.

CAT #	COLOR
P7850BLU	Blue
P7850ASH	Ash
P7850WHI	White
P7850RED	Red
P7850YEL	Yellow
P7850GRN	Green
P7850BLK	Black
P7850GRY	Grey
P7850ORA	Orange
P7850PNK	Pink
P7850PUR	Purple

Patch Panels



new

The transmission characteristics of our patch panels meet the requirements of Cat-5E and Cat-6 specifications. These panels utilise PCB technology to balance signal transmission and provide low insertion loss, return loss and crosstalk. The IDC terminal block can be used with both Krone and 110 impact tools and has combined T568A & T568B color coding for easy installation. Design incorporates nylon loops for cable management.

CAT #	PORTS	CATEGORY
P4013	12	Cat-5E
P4025	24	Cat-5E
P4049	48	Cat-5E
P4014	12	Cat-6
P4026	24	Cat-6
P4050	48	Cat-6

Cat-6 Patch Cords



new

Each cord has eight multistrand conductors in 4 twisted-pair T568A color-coded configuration. Fitted with 50u" Cat-6 compliant 2-row (staggered pins) modular plugs and injection-molded strain-relief boots. Standard colour is blue. Other colours are available on request. Packaged in Datamaster® heat-sealed hang-sell bags.

CAT #	LENGTHS
W2750BLU	0.5 Metre
W2751BLU	1 Metre
W2748BLU	1.5 Metre
W2752BLU	2 Metre
W2753BLU	3 Metre
W2755BLU	5 Metre
W2760BLU	10 Metre
W2765BLU	15 Metre
W2770BLU	20 Metre
W2775BLU	30Metre

Cable Management Unit



Horizontal 1RU cable management panel. Suits all standard 19" racks. Black color.

CAT #	SIZE
P4221	1RU

Cage Nut Sets



Fully assembled set, complete with black screw, black plastic washer and clip-in cage nut. Suitable for bolting patch panels or other rack mounted equipment to standard 19-inch rack units or cabinets.

CAT #
P4230

Wall Bracket



Wall mount bracket for installation of patch panels or other 19-inch rack mounted equipment. Hinged for easy access to wiring. Panel bolts included. 150mm deep, 2RU and 4RU versions available.

CAT #	ITEM
P4212	2RU
P4214	4RU
P4210	Lid

Wall Bracket Lid



new

Lid to suit our 2RU and 4RU 19" patch-panel wall-brackets. Ideal shelf for switch, router or modem and provides protection for rear wiring. Finished in black semi-gloss enamel paint. 150mm deep x 1.5mm thick.

CAT #
P4210

ADSL Micro Filter



new

An ADSL filter is required on an ADSL line between each analog device (telephone, fax machine, fax/modem, modem, cordless telephone, alarm dialler etc) and the associated wall outlet. If a filter is not installed, your voice-calls will experience interference whenever ADSL data is being transmitted. Our K2310 ADSL Line Filter meets the AS/ACIF S002:2001 specification (including the latest amendment).

CAT #

K2310

ADSL Filter/Splitter



new

An ADSL filter/splitter provides an RJ11 socket for connection to the telephone line and a filtered RJ11 socket for connection of a fax machine, fax/modem, answering machine, cordless phone or alarm dialler etc. A third RJ11 socket is provided for connection to the ADSL Modem/Router. Additional ADSL in-line micro filters are recommended between each subsequent telephone device and their telephone wall outlet. If ADSL filters are not fitted, your voice calls will receive interference when ADSL data is being transmitted. Our K2320 ADSL Filter/Splitter meets the AS/ACIF S002:2001 specification (including the latest amendment).

CAT #

K2320

Modular/DB Adaptor



USB Cord



new

Shielded Universal Serial Bus (USB) cable compatible with USB 2.0. Fitted with USB-A plug to USB-B plug. Two x 28AWG (signal) and 2 x 24AWG (power) conductors.

CAT #

LENGTH

W2730GRY

2 Metre

DB Ribbon Cords



new

Flat ribbon cable fitted with right angle IDC DB connectors. We specialise in custom made cords to suit your specifications with any combination of male or female DB9, DB15 or DB25 connectors made to any length.

CAT #

TYPE

COLOR

LENGTH

H2137

DB9M to DB9F

Grey

1200mm

W6696

DB9M to DB9F

Grey

250mm

Adapts male or female DB9, DB15 or DB25 computer plugs to 8 position RJ45 or 6 position RJ11 modular socket. Back shell is pre-wired to modular socket ready to insert pins into desired positions of the DB connector.

CAT #	DB SIZE	DB GENDER	TYPE
P0809	DB9	Female	8P8C
P0810	DB9	Male	8P8C
P0815	DB15	Female	8P8C
P0816	DB15	Male	8P8C
P0825	DB25	Female	8P8C
P0826	DB25	Male	8P8C
P0805	DB9	Female	6P6C
P0806	DB9	Male	6P6C
P0820	DB25	Female	6P6C
P0821	DB25	Male	6P6C

HD26 Cords



new

High quality HD26 computer cords with injection-molded plugs and thumb screws. We specialise in custom made cords to suit your specifications with any combination of male or female HD, DB or other connectors using any color, length or wiring configuration.

CAT #	TYPE	COLOR	LENGTH
W6585	HD26M to HD26M	Black	1.8 Metre
W6586	HD26M to 26-pin AMP HD26M	Black	1.8 Metre

DB Cords



new

High quality DB computer cords with injection-molded plugs and thumb screws. We specialise in custom made cords to suit your specifications with any combination of male or female DB9, DB15 or DB25 connectors using any color, length or wiring configuration.

CAT #	TYPE	COLOR	LENGTH
W5404	DB9M to DB9F	Ash	2 Metre
W6692	DB9M to DB9F	Mid Grey	2 Metre
W7130	DB15M to DB15F	Black	3 Metre
W6580	DB25M to DB25M	Black	3 Metre
W8505	DB9F to RJ45	Dark Grey	1 Metre

PABX Cables



new

15-pair and 20-pair cable tails terminated on one end with 24 or 36 pin Centronics connector. Aluminium-foil/Mylar shield. Tinned drain wire. Cables can also be ordered with Centronics connector on both ends if required.

CAT #	CONNECTOR	LENGTH
H2124	24-way	2 Metre
H2136	36-way	3 Metre

Modular Double Adaptor



Two devices with modular plugs can be connected to one modular socket using these modular double adaptors. Standard wiring configuration is straight-thru. Special wiring configurations are also available.

CAT #	TYPE	WIRING POLARITY	PACKING
P2200	6P4C	straight-thru (1-1)	Bulk
P2200ACB	6P4C	straight-thru (1-1)	Blister
P2201	6P6C	straight-thru (1-1)	Bulk
P2202	8P8C	straight-thru (1-1)	Bulk
P2202ACB	8P8C	straight-thru (1-1)	Blister

Modular Coupler



Enables two cords fitted with modular plugs to be coupled together. Can also be used as a gender changer. Straight-thru or cross-over wiring versions are available.

CAT #	TYPE	WIRING POLARITY	PACKING
P2210	6P4C	straight-thru (1-1)	Bulk
P2210ACB	6P4C	straight-thru (1-1)	Blister
P2209	6P6C	straight-thru (1-1)	Bulk
P2207	8P8C	straight-thru (1-1)	Bulk
P2207ACB	8P8C	straight-thru (1-1)	Blister
P2208	8P8C	cross-over (1-8)	Bulk
P2205	10P10C	straight-thru (1-1)	Bulk

Modular Reducer



These modular reducers are inserted into any modular socket to reduce the size to suit a smaller modular plug whilst ensuring correct pin alignment. 8 position to 6 position and 6 position to 4 position models are available.

CAT #	TYPE	COLOR	PACKING
P2220	6 position to 4 position	Ivory	Bulk
P2222	8 position to 6 position	Ivory	Bulk
P2222ACB	8 position to 6 position	Ivory	5-pack Blister
P2222WHI	8 position to 6 position	White	Bulk
P2224	8 position to 6 position	Ivory	Bulk

Splitters



Splits one 8 position socket into two sockets. Ideal to split an existing 4-pair wall socket for use with 2 separate devices. They are usually used in pairs, one at the outlet and one at the patch panel. Different wiring configurations are available. Note: These splitters are not certified to Cat-5.

CAT #	SOCKET A	SOCKET B
P2321	8 Position Voice	8 Position Voice
P2322	8 Position Data	8 Position Data
P2323	8 position Voice	8 Position Data
P2328	8 Position Data	6 Position Voice

Modular Triple Adaptor



Three devices with modular plugs can be connected to one modular socket using these modular triple adaptors. Standard wiring configuration is straight-thru. Special wiring configurations are also available.

CAT #	TYPE	WIRING POLARITY
P2234	6P4C	straight-thru (1-1)
P2236	6P6C	straight-thru (1-1)

Handset/Headset Trainer Adaptor



4P4C modular double adaptor fitted with a short cord. Used for connecting a headset and handset into the same telephone for training applications. Double-sided tape included for attaching the adaptor to the telephone or desk. 6P2C mode-3 and custom models also available.

CAT #	TYPE	WIRING	COLOR
P2344	4P4C	Parallel	Black
P2345	4P4C	Parallel	Ivory
P2363	6P2C	Mode-3	Ivory

Modular 3-Way Coupler



Three cords with modular plugs can be connected together using these modular 3-way couplers.

CAT #	TYPE	WIRING POLARITY
P2212	4P4C	straight-thru (1-1)
P2214	6P4C	straight-thru (1-1)
P2215	6P6C	straight-thru (1-1)
P2218	8P8C	straight-thru (1-1)

PCB Mount Sockets



For mounting on printed circuit boards. Standard modular sockets with footprint to suit most applications. We also specialise in the supply of all available types with any variant of footprint, profile, color, gold plating contact requirement or engineering specification.

CAT #	TYPE	PROFILE	COLOR
P1330	4P4C	Standard 616	Grey
P1335	6P4C	Standard 623	Grey
P1340	6P6C	Standard 623	Grey
P1350BLK	8P8C	Standard 647	Black
P1350GRY	8P8C	Standard 647	Grey
P1341	6P6C	Standard 623	Black
P1342	6P6C	Low Profile	Black
P1336	6P4C	Top Entry	Black
P1348	6P6C	Top Entry	Black
P1360	6P4C	Low Profile	Black
P1333	4P4C	Top Entry	Black
P1337	6P4C	Dual Gang	Black
P1338	6P6C	Dual gang	Black
P1349	6P6C	MMJ	Black

Case Mount Sockets



Versatile case or panel mountable modular sockets fitted with 175mm conductors (170mm + 5mm tinned tips). We also stock genuine replacements for Commander handset cords. Custom versions with any crimp type or conductor lengths can be made to specification.

CAT #	TYPE	SERIES	COLOR	SUITS
P1220	4P4C	616B	Grey	Nitsuko/AN/BN Base
P1221	4P4C	616B	Grey	
P1225	4P4C	616M	Grey	
P1226	4P4C	616M Flange	Grey	
P1227	4P4C	616J	Clear	Comset
P1230	4P4C	616W	Grey	BN
P1229	4P4C	616P	Grey	
P1235	6P4C	623K	Grey	
P1240	6P6C	623K	Grey	
P1250	8P8C	647	Black	

Skirting Mount Side Entry



Half sized surface mount voice grade modular socket designed to be fixed to skirting boards or architraves. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 31(W) x 50(H) x 20(D)mm.

CAT #	TYPE	COLOR	PACKING
P1450	6P4C	Ash	Bulk
P1450WHI	6P4C	White	Bulk
P1450ACB	6P4C	Ash	Blister
P1455	6P6C	Ash	Bulk
P1455WHI	6P6C	White	Bulk

Side Entry Surface Mount



Side entry surface mount voice grade modular socket. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 50(W) x 57(H) x 20(D)mm.

CAT #	TYPE	COLOR
P1420	6P4C	Ash
P1430	6P6C	Ash
P1430WHI	6P6C	White
P1440	8P8C	Ash
P1441	10P10C	Ash

Surface Mount



Compact surface mount voice grade modular socket. Recessed screws allow fast and easy fixing to almost any surface. Wires are connected by screw terminals. Beige color suits most environments. Dimensions 44(W) x 44(H) x 25(D)mm.

CAT #	TYPE
P1410	6P4C
P1411	6P6C

Duplex Side Entry Surface Mount



Duplex side entry surface mount voice grade modular socket. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 42(W) x 58(H) x 24(D)mm.

CAT #	TYPE	WIRING
P1422	6P4C	Dual
P1422PAR	6P4C	Parallel

Flush Wall Plate



Beige colored voice grade modular wall plate fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE
P1408	6P4C
P1409	6P6C
P1406	8P8C

Duplex Flush Wall Plate



Duplex modular voice grade socket fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE
P1407	6P4C

F-Connector Flush Wall Plate



Flush mounted wall plate with F-connector. Fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	COLOR
P1461WHI	White

F-Connector/Telephone Flush Wall Plate



Flush mounted wall plate with F-connector and modular socket. Fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE	COLOR
P1459WHI	6P4C	White
P1460WHI	6P6C	White

Wall Phone Bracket



Wall phone bracket for easy installation of telephones that have standard modular wall mountings. The line is connected from bracket to phone by a 160mm modular cord. Bracket has two studs onto which the phone slides. Fits standard Australian electrical switch plate installation hardware. Off-white color to match Telstra T200/400 telephones. Dimensions 76(W) x 119(H) x 9(D)mm.

CAT #	TYPE	COLOR	PACKING
P1415	6P4C	White	Bulk
P1415ACB	6P4C	White	Blister
P1416WHI	8P4C	White	Bulk

Wall Phone Bracket with Side Entry Sockets



Wall phone bracket for easy installation of telephones that have standard modular wall mountings. An additional socket is provided on each side which allows connection of two extra devices when a phone is fitted to the bracket. The line is connected from bracket to phone by a 160mm modular cord. Bracket has two studs onto which the phone slides. Fits standard Australian electrical switch plate installation hardware. Dimensions 76(W) x 119(H) x 18(D)mm.

CAT #	TYPE
P1418	6P4C

T200/T400 Wall Mount Kit



A kit to allow a standard Telstra T200 or T400 series telephone to be wall mounted. The kit simply screws to the back of the Telstra phone to provide correct angle for wall mounting. Supplied with a handset clip to hold the handset in a vertical position. Once this kit is added, the phone will now mount onto a standard modular wall socket (P1415 or P1418).

CAT #
P8640

4 Position Modular Plug



Generally used for termination of coiled handset cords. Plugs with 50u", 30u" and 15u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2124	4P4C	Flat	Stranded	Bulk
P2001	4P4C	Flat	Stranded	5-pack
P2003	4P4C	Flat	Stranded	20-pack
P2004	4P4C	Flat	Stranded	50-pack
P2005	4P4C	Flat	Stranded	100-pack
P2122	4P4C	Round	Solid	Bulk
P2123	4P4C	Round	Stranded	Bulk

6 Position Modular Plug



Generally used for termination of line cords. Plugs with 50u", 30u", 15u" and 6u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2130	6P2C	Flat	Stranded	Bulk
P2136	6P4C	Flat	Stranded	Bulk
P2011	6P4C	Flat	Stranded	5-pack
P2013	6P4C	Flat	Stranded	20-pack
P2014	6P4C	Flat	Stranded	50-pack
P2015	6P4C	Flat	Stranded	100-pack
P2138	6P4C	Round	Solid	Bulk
P2137	6P4C	Round	Stranded	Bulk
P2140	6P6C	Flat	Stranded	Bulk
P2032	6P6C	Flat	Stranded	5-pack
P2033	6P6C	Flat	Stranded	20-pack
P2034	6P6C	Flat	Stranded	50-pack
P2035	6P6C	Flat	Stranded	100-pack
P2143	6P6C	Round	Stranded	Bulk
P2144	6P6C	Round	Solid	Bulk

8 Position Modular Plug



For data communications, telephones, cellular and computers. Plugs with 50u", 30u" and 15u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2163	8P8C	Flat	Stranded	Bulk
P2051	8P8C	Flat	Stranded	5-pack
P2053	8P8C	Flat	Stranded	20-pack
P2054	8P8C	Flat	Stranded	50-pack
P2055	8P8C	Flat	Stranded	100-pack
P2160	8P8C	Flat	Solid	Bulk
P2162	8P8C	Round	Stranded	Bulk
P2060	8P8C	Round	Stranded	10-pack
P2061	8P8C	Round	Stranded	20-pack
P2062	8P8C	Round	Stranded	50-pack
P2063	8P8C	Round	Stranded	100-pack
P2164	8P8C	Round	Solid	Bulk
P2056	8P8C	Round	Solid	5-pack
P2057	8P8C	Round	Solid	20-pack
P2058	8P8C	Round	Solid	50-pack
P2059	8P8C	Round	Solid	100-pack
P2161	8P8C	2-Piece		Bulk

Shielded Modular Plug



6 position and 8 position shielded modular plugs for connection to FTP, STP or flat shielded cable. Plugs with 50u", 30u" and 15u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	SHIELD	CORD ENTRY	CONDUCTOR TYPE
P2146	6P6C	Half	Either	Either
P2165	8P8C	Full	Round	Stranded
P2167	8P8C	Half	Round	Solid
P2168	8P8C	Half	Round	Stranded

6 Position Modified Modular Plug (MMP)



MMP type with offset latch as used for specific computer systems. Plugs with 50u" and 30u" gold plated contacts are stocked. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2141	6P6C	Flat	Stranded	Bulk

8 Position Keyed Modular Plug



Similar to the standard 8 position modular plug but has raised key on one side of the plug to prevent insertion into a non-keyed 8 position socket. Plugs with 50u", 30u" and 15u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2166	8P8C	Flat	Stranded	Bulk

10 Position Modular Plug



Generally used on cellular mobile transceivers and small multi-line telephone systems. Plugs with 50u" or 30u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2170	10P10C	Flat	Stranded	Bulk

6 Position Long Body Modular Plug



Similar to the standard 6 position modular plug but has a long body as required to mate with deeply recessed modular sockets. Plugs with 50u", 30u" and 15u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cable entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2148	6P6C	Flat	Stranded	Bulk

Cat-6 8-Position Modular Plug



These special plugs are designed for Category-6 cables. The 2-piece design includes a cable-guide to ensure conductors are split into 2-rows (4-up, 4-down) to maintain data integrity. 50u" gold plated contacts.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2176	8P8C	Round	Stranded	Bulk

606M Modular Plug Adaptor



Adapts 6 position or 8 position modular plugs to 606 telephone plugs. Unique slim design allows 606M to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606M adaptors will fit into a standard double adaptor. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colors and wiring configurations are also available. 606M is designed and manufactured by Access. Australian patent # 608356.

CAT #	TYPE	COLOR	PACKING
P6220	6P2C	Ivory	Bulk
P6221	6P2C	Ash	Bulk
P6222	6P2C	Black	Bulk
P6240	6P4C	Ivory	Bulk
P6241	6P4C	Ash	Bulk
P6242	6P4C	Black	Bulk
P6243	6P4C	Grey	Bulk
P6260	6P6C	Ivory	Bulk
P6282	8P2C	Ivory	Bulk
P6284	8P4C	Ivory	Bulk
P6284ACB	8P4C/6P4C	Ivory	Blister
P6230	6P2C Mode-14	Black	Bulk

605M Modular Plug Adaptor



Adapts 6 position modular plugs to 605 telephone plugs. Special colors and wiring configurations are also available. 605M is designed and manufactured by Access.

CAT #	CONDUCTORS	COLOR
P6058	2	Ivory
P6060	4	Ivory
P6061	4	Black
P6066	6	Ivory

600 Double Adaptor



This efficiently designed compact one piece double adaptor features 6 conductor parallel wiring configuration which suits most telecommunications devices fitted with 605 or 606 telephone plugs.

CAT #	PACKING
P5600	Bulk
P5600ACB	Blister

610M Modular Socket Adaptor



Adapts 6 position or 8 position modular plugs to 610 telephone sockets. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colors and wiring configurations are also available. 610M is designed and manufactured by Access.

CAT #	TYPE	COLOR	PACKING
P6364IVO	6P4C	Ivory	Bulk
P6384IVO	8P4C	Ivory	Bulk
P6384ACB	8P4C/6P4C	Ivory	Blister

606DM Dual Modular Plug Adaptor



Adapts two 6 position or 8 position modular plugs to 606 telephone plug. Unique new slim design allows 606DM's to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606DM adaptors will fit into a standard double adaptor. Special colors and wiring configurations are also available. 606DM is designed and manufactured by Access. Australian patent # 608356.

CAT #	TYPE	COLOR	PACKING
P6340	6P4C	Ivory	Bulk
P6340ACB	6P4C	Ivory	Blister
P6348IVO	8P4C	Ivory	Bulk
P6348ACB	8P4C/6P4C	Ivory	Blister

Double Adaptor with Cord



This double adaptor is fitted with a short cord to overcome difficulties accessing inconveniently located sockets where use of one piece adaptors is impractical. The 4-conductor parallel wiring configuration suits most direct telephone lines.

CAT #	COLOR
P5606	Ivory

616M Half Modular Adaptor



new

616M is an updated version of our 615M model. The 616M combines 605 plug and 610 socket, with either 6P4C (RJ11) or 8P4C (RJ45) modular socket. Updated design has front entry modular socket for easier use with side mounted wall sockets. Parallel wiring and mode-3 wiring versions are available. Blister pack model includes reducer to suit either RJ11 or RJ45. Custom wiring configurations and colors can also be made if required. Australian patent # 608356.

CAT #	TYPE	WIRING	COLOR	PACKING
P6163IVO	6P4C	Mode-3	Ivory	Bulk
P6164IVO	6P4C	Parallel	Ivory	Bulk
P6184IVO	8P4C	Parallel	Ivory	Bulk
P6184ACB	8P4C/6P4C	Parallel	Ivory	Blister

615M Side Entry Half Modular Adaptor



615M adaptor combines 605 plug and 610 socket, with side entry 6 position modular socket. Standard wiring is parallel and custom wiring configurations can also be made if required. Australian design registration #122281.

CAT #	WIRING	COLOR	PACKING
P6150	4 conductor parallel	Ivory	Bulk
P6150ACB	4 conductor parallel	Ivory	Blister

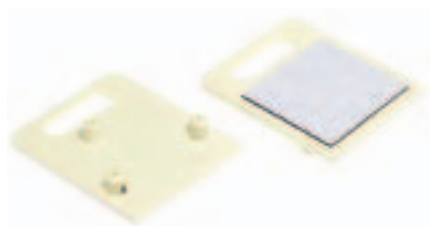
635 Double Adaptor



Double adaptor features 6 conductor wiring configuration which suits most telecommunications devices fitted with 605 or 606 telephone plugs. Removable panels allow access to change wiring configuration if required. Standard wiring is parallel.

CAT #	COLOR
P5609	Ivory

610/611 Self Adhesive Backing Plate



Self adhesive backing plate to eliminate the requirement to use screws when mounting 610 or 611 sockets to any flat, clean surface. Access, Exicom and other compatible 610 or 611 sockets simply snap-on to the backing plate.

CAT #	COLOR
P8620	Ivory

610/611 Stacking Adaptor



This adaptor replaces the original lid of an existing 610 or 611 socket, allowing another 610 or 611 to be stacked on top. All wiring is fed through internally.

CAT #	COLOR
P8630	Ivory
P8630WHI	White

610/611 Flush Plate



Flush plate for 610 or 611 wall sockets. Access, Exicom and other compatible 610 or 611 sockets simply snap-on to this wall plate. Fits standard electrical switch plate installation hardware making it perfect for easy flush installation on Gyprock or Fibro cavity walls. Color is ivory.

CAT #	COLOUR
P8624	Ivory

610W Telephone Wall Socket



Commercial Grade

Standard Australian telephone wall socket. Will accept 605, 606 or 603 telephone plugs. Our commercial grade 610 wall socket has numerous features and improvements:

- Longer terminal screws with thicker and wider heads
- Tightly captive washers beneath terminal screw-head for reliable insulation crushing
- Tightly seated metals will not drop out during installation
- Compatible with stacking adaptors
- Compatible with snap-on adhesive wall plates
- A-tick symbol engraved on outside of lid
- Quality plastic with highly polished finish
- Longer lid screw for compatibility with stacking adaptors
- Shrink wrapped in strips of 5 for easier handling
- Competitively priced

CAT #	COLOR	PACKING
P6105	Ivory	Bulk
P6106	Ash	Bulk
P6107	White	Bulk
P6105ACB	Ivory	Blister
P6107ACB	White	Blister

611 Data Socket



Suitable for security devices, diallers, modems and other auxiliary equipment. Accepts 604, 605 or 606 telephone plugs. Often referred to as a mode-3 socket. Cams allow each terminal pair to be switched or unswitched when plug is withdrawn. Wall and cord models are available.

CAT #	COLOR	TYPE	CAMS
P6115	Ivory	Wall	No
P6116	Ivory	Wall	Yes
P6114	Ivory	Cord	Yes

604 Data Plug



Compatible only with 611 telephone sockets. Applications include leased lines, security diallers and other auxiliary equipment. Requires cord grommet. Australian patent # 608356

CAT #	COLOR
P6040	Ivory
P6041	Ash
P6042	Charcoal

605A Telephone Plug



Standard Australian 4 or 6 terminal telephone plug. Mates with 610, 611 and 612 telephone sockets. Connection to conductors is made using H1130 quick connect crimps. Requires cord grommet. Available in blister pack with grommet included. SKD stock also available in bulk cartons of 1200. Australian patent # 608356.

CAT #	TERMINALS	COLOR
P6050	4	Ivory
P6048	4	Ash
P6051	4	Black
P6052	6	Ivory
P6049	6	Ash
P6053	6	Black
P6054	Either	White

630 Mode 3 Adaptor



Mode 3 adaptor for connection of certain security diallers and some older fax machines and modems. Removable panels allow configuration change if required. Incorporates 605 plug, 610 and 611 sockets.

CAT #	PACKING
P5665	Bulk
P5665ACB	Blister

606 Telephone Plug



Standard Australian 2 or 4 terminal telephone plug. Compact design with internal cord restraint barbs. Mates with 610, 611 and 612 telephone sockets. Connection to conductors is made using H1130 quick connect crimps. Bulk cartons of 1200 are packed SKD. Australian patent # 608356.

CAT #	TERMINALS	COLOR
P6055	2	Ivory
P6056	2	Ash
P6057	2	Black
P6068	4	Ivory
P6069	4	Ash
P6070	4	Black

610 Telephone Cord Socket



Standard Australian telephone cord socket. Will accept 605, 606 or 603 telephone plugs. Cut-out accepts our standard grommets (not included). SKD stock also available in bulk cartons of 1200.

CAT #	COLOR
P6100	Ivory
P6104	Ash
P6101	Black
P6103	White

615 Plug/Socket Adaptor



Adaptor which combines 605 plug and 610 socket with side cable entry and internal cavity to accept our G5 cord restraint grommet. Can be wired for mode-3 or any configuration. Australian design registration # 96142.

CAT #	COLOR
P5615	Ivory
P5620	Ash

4 Conductor Modular Line Cord



4 conductor line cord with 6P4C RJ11 modular plugs on each end. Standard wiring is cross-over to suit most voice applications. Various lengths and color combinations are available to special order.

CAT #	LENGTH	WIRING	COLOR	PACKING
W2470	150mm	Cross-over	Ivory	Bulk
W2470ACB	150mm	Cross-over	Ivory	Blister
W2471	1 Metre	Cross-over	Ivory	Bulk
W2471ACB	1 Metre	Cross-over	Ivory	Blister
W2492ASH	2 Metre	Cross-over	Ash	Bulk
W2492IVO	2 Metre	Cross-over	Ivory	Bulk
W2492BLK	2 Metre	Cross-over	Black	Bulk
W2492ACB	2 Metre	Cross-over	Ivory	Blister
W2495	3 Metre	Cross-over	Ivory	Bulk
W2495ACB	3 Metre	Cross-over	Ivory	Blister
W2496	3 Metre	Cross-over	Black	Bulk
W2505	5 Metre	Cross-over	Ivory	Bulk
W2505ACB	5 Metre	Cross-over	Ivory	Blister
W2532	10 Metre	Cross-over	Ivory	Bulk
W2532ACB	10 Metre	Cross-over	Ivory	Blister
W2525	15 Metre	Cross-over	Ivory	Bulk
W2525ACB	15 Metre	Cross-over	Ivory	Blister
W2528	20 Metre	Cross-over	Ivory	Bulk
W2528ACB	20 Metre	Cross-over	Ivory	Blister
W2530	25 Metre	Cross-over	Ivory	Bulk
W2530ACB	25 Metre	Cross-over	Ivory	Blister
W2531	30 Metre	Cross-over	Ivory	Bulk
W2531ACB	30 Metre	Cross-over	Ivory	Blister

6 Conductor Modular Line Cord



6 conductor line cord with 6P6C RJ12 modular plugs on each end. Various lengths and color combinations are available to special order. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING	PACKING
W2537	2 Metre	1-6	Bulk
W2538	3 Metre	1-6	Bulk
W2539	5 Metre	1-6	Bulk
W2540	10 Metre	1-6	Bulk
W2545	15 Metre	1-6	Bulk

RJ11/RJ45 Modular Line Cord



4 conductor line cord fitted with one 6 position RJ11 and one 8 position RJ45 modular plug. Various lengths, colors and wiring configurations are available to special order. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2477	1.5 Metre	1-1	Ivory	Bulk
W2478	2 Metre	1-1	Ivory	Bulk
W2478ACB	2 Metre	1-1	Ivory	Blister
W2483	3 Metre	1-1	Ivory	Bulk
W2483ACB	3 Metre	1-1	Ivory	Blister
W2484	3 Metre	1-1	Black	Bulk
W2485	5 Metre	1-1	Ivory	Bulk
W2486	6 Metre	1-1	Ivory	Bulk
W2487	7 Metre	1-1	Ivory	Bulk
W2488	10 Metre	1-1	Ivory	Bulk
W2489	15 Metre	1-1	Ivory	Bulk

RJ45/RJ45 Modular Line Cord



Flat modular line cord with an 8P8C RJ45 modular plug on each end. Available with 4, 6 or 8 conductor cord in various lengths, colors and wiring configurations. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING
W2474	Various	Either

Modular Extension Cord Male/Female



Modular extension cord with 6 position modular plug and socket. 4 or 6 conductor versions and various lengths available to special order.

CAT #	LENGTH	CONDUCTORS
W2535	5 Metre	4

615/RJ11 Extension Cord



4 conductor extension line cord with 615 double adaptor and 6P4C RJ11 modular plug. Various lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH
W2375	10 Metre

RJ11 to 610 Extension Socket Cord



4 conductor extension cord fitted with 6P4C RJ11 or 8P8C RJ45 modular plug and standard 610 telephone line socket. Various lengths, colors and wiring configurations are available to special order.

CAT #	TYPE	LENGTH
W1000	6P4C	150mm
W1002	6P4C	2 Metre
W1008	8P8C	2 Metre

605/610 6 Conductor Extension Cord



6 conductor parallel configuration extends line cords on Commander stations, PABX phones, faxes, modems or other devices where 4 conductor extension cords are unsuitable.

CAT #	LENGTH
W2395	3 Metre
W2400	5 Metre
W2450	10 Metre
W2455	15 Metre

606/RJ11 Line Cord



Line cord with 6 position RJ11 modular plug and hard-wired standard Australian 606 plug for connecting telecommunications devices to the network. A wide variety of lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH	CONDUCTORS	COLOR	PACKING
W3606	2 Metre	2	Dark Grey	Bulk
W3610	2 Metre	2	Ivory	Bulk
W3612	2 Metre	2	Ash	Bulk
W3614	2 Metre	2	Black	Bulk
W3620	3 Metre	2	Ivory	Bulk
W3622	3 Metre	2	Ash	Bulk
W3624	3 Metre	2	Black	Bulk
W3650	2 Metre	4	Ivory	Bulk
W3652	2 Metre	4	Ash	Bulk
W3654	2 Metre	4	Black	Bulk
W0022ACB	2 Metre	4	Ivory	Blister
W0023ACB	3 Metre	4	Ivory	Blister
W0025ACB	5 Metre	4	Ivory	Blister

606/RJ11 2-Piece Line Cord



606M modular plug adaptor and 6 position modular line cord fitted with RJ11 plugs. 606M adaptor can be fitted or detached allowing equipment to connect to either modular or 610 wall outlets. A wide variety of lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH	CONDUCTORS	COLOR	PACKING
W3720BLK	1.8 Metre	2	Black	Bulk
W3720IVO	1.8 Metre	2	Ivory	Bulk
W3720SMG	1.8 Metre	2	Light Grey	Bulk
W3742IVO	2 Metre	4	Ivory	Bulk

615/610 Extension Cord with Double Adaptor



4 conductor extension cord with 615 double adaptor to enable retention of existing telephone outlet whilst also providing an additional socket. Blister packed.

CAT #	LENGTH
W2335	5 Metre
W2360	10 Metre
W2370	15 Metre

606/610 4 Conductor Extension Cord



Standard 4 conductor extension cord with 606 plug and 610 socket, suitable for telephones and a wide range of other devices. Blister packed.

CAT #	LENGTH	PACKING
W1277ACB	2 Metre	Blister
W1278ACB	3 Metre	Blister
W1280ACB	5 Metre	Blister
W1300ACB	10 Metre	Blister
W1310ACB	15 Metre	Blister
W1320ACB	20 Metre	Blister
W1325ACB	25 Metre	Blister
W1330ACB	30 Metre	Blister



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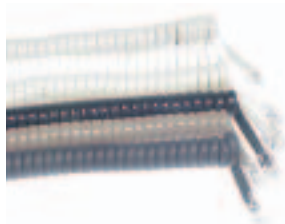
Replacement Handset Cords



Replacement coiled handset cords to suit Commander stations, payphones and popular Touchtone and PABX telephones. Our AN and BN cords also suit Nitsuko FP-1000 or FP-2000 multi-feature telephones. We are experts in custom manufacture and supply of specialised flat or round coiled cords to suit any low-voltage application. Tinsel conductors are standard in order to provide maximum service-life and maintain coiled profile. Polyester or Kevlar threads can be added for extra strength if required. Ends can be made with any tail lengths, connectors or unterminated if specified.

CAT #	SUITS	COLOR
W2932	E & T200 (OLD)	Charcoal
W2934	T200/T400	Charcoal
W2950	N	Ivory
W2940	AN	Off-white
W2945	FP-1000	Off-white
W2952	BN / FP2000	Off-white
W2955	S	Teakwood
W3060	Comset	Ash
W2957	T210	Grey
W2965	Gold Payfone	Gold
W8495	Blue Payfone	Blue
W3043	NT	Ash
W3045	HX	Grey
W3047	Ericsson	Grape
W3048	Ericsson	White
W3049	Ericsson	Taupe

Modular Coiled Handset Cord



Standard 4 conductor coiled cord fitted with 4P4C modular plugs. Can also be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	COLOR	LENGTH	PACKING
W3005	Grey	2.4 Metre	Bulk
W3030	Ivory	3 Metre	Bulk
W3040	Ash	3 Metre	Bulk
W3010	Black	3 Metre	Bulk
W3060	White	3 Metre	Bulk
W3020	Brown	3 Metre	Bulk
W3100	Ivory	5 Metre	Bulk
W3110	Ash	5 Metre	Bulk
W3080	Black	5 Metre	Bulk
W3130	White	5 Metre	Bulk
W3170	Ivory	8 Metre	Bulk
W3180	Ash	8 Metre	Bulk
W3150	Black	8 Metre	Bulk
W3200	White	8 Metre	Bulk
W3030ACB	Ivory	3 Metre	Blister
W3040ACB	Ash	3 Metre	Blister
W3010ACB	Black	3 Metre	Blister
W3060ACB	White	3 Metre	Blister
W3100ACB	Ivory	5 Metre	Blister
W3110ACB	Ash	5 Metre	Blister
W3080ACB	Black	5 Metre	Blister
W3130ACB	White	5 Metre	Blister
W3170ACB	Ivory	8 Metre	Blister
W3180ACB	Ash	8 Metre	Blister
W3150ACB	Black	8 Metre	Blister
W3200ACB	White	8 Metre	Blister

6 and 8 Conductor Coiled Cord



Flat or round coiled 6 or 8 conductor cord fitted with modular plugs. Can be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	COLOR	CONDUCTOR	FLAT/ROUND	LENGTH
W3312	Black	6	Flat	2.6 Metre
W3310	Black	6	Flat	3 Metre
W3320	Black	6	Flat	5 Metre
W3330	Black	6	Round	3 Metre
W3333	Ash	6	Round	3 Metre
W3335	Black	6	Round	5 Metre
W3336	Grey	6	Flat	5 Metre
W3420	Black	8	Flat	3 Metre
W3400	Ash	8	Round	3 Metre
W3406	Black	8	Round	3 Metre

Expandite & Block



6 conductor round coiled cord terminated with 6-contact terminal blocks. For security, cash drawers and other applications. Terminal blocks and coiled cord also available separately.

CAT #	TYPE
K5600	Complete
K5605	Block Only
W3333	Cord Only

Armoured Handset Cord



Flexible metal armoured 4 conductor handset cord. Vandal resistant for emergency and public telephones.

CAT #
W2958

Extension Reel



Standard Australian telephone extension cord with 605 plug and 610 socket on a compact dispenser reel. Fitted with convenient carry handle for portability. Supplied in a color gift box.

CAT #	LENGTH	COLOR
K3510	15M	Ivory

Grommets



PVC grommets suit most line cord types and provide effective strain relief. Table shows representative range only, custom grommets can be tooled to suit your specific requirement.

CAT #	COLOR	TYPE	CORD DIMEN'S	CORD	TYPE
P7100	Ivory	G1	2.5 x 5.0mm	4 Conductor	Flat
P7150	Ash	G1	2.5 x 5.0mm	4 Conductor	Flat
P7120	Black	G1	2.5 x 5.0mm	4 Conductor	Flat
P7110	White	G1	2.5 x 5.0mm	4 Conductor	Flat
P7130	Grey	G1	2.5 x 5.0mm	4 Conductor	Flat
P7140	Brown	G1	2.5 x 5.0mm	4 Conductor	Flat
P7210	Ivory	G2	5.0mm	6 Conductor	Rnd
P7220	Ash	G2	5.0mm	6 Conductor	Rnd
P7200	Black	G2	5.0mm	6 Conductor	Rnd
P7320	Ivory	G3	2.5 x 7.0mm	6 Conductor	Flat
P7330	Ash	G3	2.5 x 7.0mm	6 Conductor	Flat
P7310	Black	G3	2.5 x 7.0mm	6 Conductor	Flat
P7400	Black	G4	2.5 x 5.0mm	4 Conductor	Flat
P7410	Grey	G4	2.5 x 5.0mm	4 Conductor	Flat
P7500	Ivo/Ash	G5	2.5 x 5.0mm	4 Conductor	Flat
P7600	Ivory	G6	3.0 x 5.0mm	4 Con BT/NZ	Flat
P7610	Ash	G6	3.0 x 5.0mm	4 Con BT/NZ	Flat
P7620	White	G6	3.0 x 5.0mm	4 Con BT/NZ	Flat
P7800	Ivory	G8	2.5 x 9.0mm	8 Conductor	Flat

RJ11 Line Cord BT/NZ to Modular



New Zealand or British line cord for telephones and devices with modular line jacks. Standard wiring configuration, fitted with BABT approved 6P4C plug.

CAT #	CONDUCTORS	LENGTH	COLOR
W0122ASH	2	2 Metre	Ash
W0122BLK	2	2 Metre	Black
W0142ASH	4	2 Metre	Ash

Extension Cord with Double Adaptor BT/NZ



Extension line cord with BT/NZ double adaptor and 6P4C BT/NZ plug.

CAT #	LENGTH
W2385	10 Metre

Line Cord BT/NZ to 605



Line cord fitted with Australian 606 plug and BT/NZ 6P4C line plug. Allows devices with BT/NZ line sockets to be connected to Australian 610 telephone wall sockets.

CAT #	LENGTH
W2393	2 Metre

Handset Plug BT/NZ (Reverse Latch)



Type 430A & 630A handset plugs with reverse latch as used by British Telecom, New Zealand and Hong Kong. Connects coiled handset cords or headsets to some British or NZ designed devices. BABT approved. White in color.

CAT #	TYPE	BT TYPE
P2999	6P4C	430A
P2998	6P6C	630A

Line Plug BT/NZ



Types 431A & 631A line plugs as used by British Telecom, New Zealand and Hong Kong. BABT approved. White in color.

CAT #	TYPE	BT TYPE
P3000	6P4C	431A
P3001	6P6C	631A

Wall Socket BT/NZ



Standard BT/NZ telephone line wall socket. Up to 6 conductors can be connected using screw terminals. Master version also available which contains line termination circuit and lightning arrester. Spring-loaded socket cover prevents intrusion of dust and moisture. White in color.

CAT #	TYPE	BT TYPE
P3030	6P6C	Slave
P3032	6P6C	Master

Coupler BT/NZ



Enables two cords fitted with BT/NZ telephone line plugs to be coupled together. Can also be used as a gender changer. White in color.

CAT #	TYPE
P3020	6P6C

Adaptor BT/NZ to RJ11



Adapts a BT/NZ wall socket to a 6 position RJ11 modular line socket.

CAT #	TYPE
P3014	6P6C

Double Adaptor BT/NZ



Converts one BT/NZ telephone socket into two, enabling two devices to be connected to one BT/NZ telephone line socket. White in color.

CAT #	TYPE
P3010	6P6C

Line Cord BT/NZ to 610



This adaptor allows devices with Australian telephone plugs to be connected to New Zealand line sockets.

CAT #	LENGTH
W2391	2 Metre

Extension Cord BT/NZ



Standard BT/NZ telephone line extension cord.

CAT #	LENGTH
W2382	5 Metre
W2381	10 Metre

50/100 Pair Distribution Box



new

Grey coloured wall-mounted plastic distribution box containing mounting brackets for 10-pair IDC-type connection modules. Cable entry holes in rear and cable entry cut-outs on all 4 sides. Four moveable jumper rings and record-card included. IDC disconnect modules available separately.

CAT #	CAPACITY	DIMENSIONS
P8750	50 Pair	210(H) x 160(W) x 75(D)mm
P8760	100 Pair	320(H) x 210(W) x 125(D)mm

Distribution Frames



new

11-way and 27-way distribution frames with stainless steel back plane and ABS mountings. Suits our 10-pair IDC-type connection modules and label holders. Key-lockable metal lids with cable entry knock-outs on all sides are available separately.

CAT #	ITEM
P8771	11-way frame
P8772	11-way lid
P8777	27-way frame
P8778	27-way lid

10 Pair Distribution Box



new

Ivory coloured surface-mount distribution box with cable entry holes in rear and cable entry cut-outs on all 4 sides. Contains a 10-pair module constructed of high-impact fire-resistant PBT material with corrosion resistant 5.0-micron silver-plated IDC terminals. Terminate wires using our T0059 or T0050 impact tools (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted. Dimensions 164(H) x 85(W) x 36(D)mm.

CAT #
P8740

10 Pair IDC Disconnect Module



new

10-pair IDC modules to suit our P8700-series 50-pair and 100-pair distribution boxes and 11-way and 27-way frames. High-impact fire-resistant PBT material with corrosion resistant 5.0-micron silver-plated IDC terminals. Terminate wires by using our T0059 or T0050 impact tools (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted.

CAT #
P8710

10 Pair Label Module



new

10-pair label module for IDC frames. Suits our P8700-series 50-pair and 100-pair distribution boxes and 11-way & 27-way frames. Grey colored ABS material with card insert.

CAT #
P8714

Pair Marker Plugs



new

Pair Marker Plugs to suit our 10-pair IDC modules. Available with digits 1 through 0 or with numbers 10 through 100. Grey colored ABS material with black numerals.

CAT #	MARKING
P8715	1-0
P8716	10-100

Distribution Box Record Card



new

Suits our P8700-series 50-pair and 100-pair distribution boxes and 11-way & 27-way frames. Beige coloured card has records for pairs 1-50 on one side and pairs 51-100 on the reverse.

CAT #
P8718

Terminal Block TBA-8



8 terminal connector block. Contains screw terminals for easy connection of up to 8 solid copper telephone conductors. Ivory colored screw-on lid.

CAT #
P8638

Test Cord IDC Type 6P2C



Test cord fitted with IDC type plug and 6P2C modular plug. For connection of test butts or other equipment to Krone MDF or IDF. 100mm long black cord.

CAT #
T0108

Universal Loud Sounding Alarm



new

This versatile unit, in the same-sized case as our K3507 tone ringer, replaces the Type-C Alarm. There is provision for two exchange lines via separate RJ11 sockets. Four different selectable alarm-tones are provided for each exchange line. All other connections to and from the unit are via screw terminals. Requires K3505 horn speaker. Other peripheral devices such as strobe lights, PIR sensors, doorbells, reed-relays, PA amplifier inputs etc can be connected. Supplied with 12V DC power supply. Maximum volume 110dB.

CAT #	ITEM
K3509	Ringer
K3504BLU	Strobe Light
K3505	Horn Speaker

Horn Speaker



15 watt horn speaker suitable for connection to the K3507 Tone Ringer or to the K3509 Universal Loud Sounding Alarm. The 350mm figure-8 cable has tinned ends for easy connection. IP4, splash-proof. Color is white.

CAT #
K3505

Strobe Light



new

This 12 volt, 3 watt strobe light is suitable for connection to our Universal Loud Sounding Alarm or for use with alarm systems. Three lugs allow mounting to any surface. Two 550mm conductors exit from the centre rear of the unit and have tinned ends for easy termination.

CAT #	LENS COLOR
K3504BLU	Blue

Tone Ringer



Robust extension tone ringer with on/off switch, volume and pitch controls. Connection to line by screw terminals or modular socket. Unit can use built-in speaker or optional K3505 15-watt horn speaker for more directional signalling of incoming calls. Screw terminals are provided for connection of the optional horn speaker. Maximum volume 98dB.

CAT #	ITEM
K3507	Ringer
K3505	Horn Speaker

Extra Loud Bell



Extra loud extension bell with volume control, ideal for use in noisy environments or large sites. Modular sockets are fitted to allow in-line connection. Modular line cord and mounting bracket are included.

CAT #
K3501

Extension Bell



605 plug connects directly into telephone line socket and mechanical bell rings loudly when incoming calls are received. Supplied with a 10 metre cord which connects to bell using a modular socket. On/off switch allows bell to be disabled.

CAT #
K3500

Nursecall Pendant



Nursecall button with soft PVC pendant for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard color is white cable with green button.

CAT #	PLUG	LENGTH
K3811	6.3mm Stereo Phono	3 Metre
K3832	RCA	2 Metre
K3834	RCA	4 Metre
K3804GRN	Spare Green Button	

Nursecall Pressure Pad



Nursecall pressure pad for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard color is white.

CAT #	PLUG
K3820	6.3mm Stereo Phono

IEC-C13 Power Cord



As used on most computers and office equipment. Fitted with IEC-C13 connector and Australian 3-pin mains plug to meet dimensional requirements of AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3746	0.5 Metre	Black
K3748	1 Metre	Black
K3756	1.5 Metre	Ash
K3754	1.8 Metre	Light Grey
K3749	2 Metre	Ash
K3750	2 Metre	Black
K3750WHI	2 Metre	White
K3752	2.5 Metre	Dark Grey
K3753	2 Metre	Dark Grey
K3758	3 Metre	Black
K3758ASH	3 Metre	Ash
K3757	5 Metre	Black

IEC-C13 Power Cord with Right Angle Plug



10 Amp AC power cord as used on most computers and office equipment. Fitted with right angle IEC-C13 connector and Australian 3-pin mains plug to meet dimensional requirements of AS/NZS3112. Standard right angle is left-hand type, right-hand is available on special request. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3755	2 Metre	Black

IEC Extension Cord (PC Monitor Cord)



10 Amp AC power cord used mainly to power monitors from the PC's IEC output. Fitted with male IEC-C14 and female IEC-C13 connectors. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3759	2 Metre	Black
K3760	2 Metre	Ash
K3794	3 Metre	Black
K3795	5 Metre	Black

IEC-C7 Appliance Power Cord



2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin mains plug to meet dimensional requirements of AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3762	1.8 Metre	Black

IEC-C5 Appliance Cord



3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances. Fitted with IEC-C5 connector and Australian 3-pin mains plug to meet dimensional requirements of AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3745	2 Metre	Black

High Temp IEC-C15 Appliance Cord



10 Amp AC hot appliance cord with elastomer flex as required by many kitchen appliances. Standard length is 1 metre. Fitted with high-temperature, notched-type IEC-C15 connector and Australian 3-pin mains plug which meets dimensional requirements of AS/NZS3112.

Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3741	1 Metre	Black

Mains Cord

2-core or 3-core flex fitted with standard Australian mains plug. Custom lengths, colors, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Mains plug meets dimensional requirements of AS/NZS3112. Electrical Safety Authority Approved.



CAT #	LENGTH	CONDUCTORS	COLOR	SHEATH/STRIPPED	ACTIVE/NEUTRAL	EARTH
K3784	1 Metre	3 x 0.75mm ²	Black	80mm	6.3mm Quick-connect	M4 connector
K3780	1.8 Metre	3 x 0.75mm ²	Black	60mm	10mm Stripped	10mm Stripped/Tinned
K3781	1.8 Metre	3 x 1.00mm ²	Black	60mm	10mm Stripped	10mm Stripped
K3782GRY	1.8 Metre	3 x 0.75mm ²	Grey	80mm	10mm Stripped	M5 connector
K3782	2 Metre	3 x 0.75mm ²	Black	80mm	10mm Stripped	M4 connector

Right Angle Mains Cord



2-core or 3-core flex fitted with right-angle 2 or 3 pin Australian mains plug. Custom lengths, colors, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Mains plug meets dimensional requirements of AS/NZS3112. Electrical Safety Authority Approved.

IEC Mains Socket Y Cord



10 Amp 3-core power cord fitted with one IEC-C14 connector, one IEC-C13 connector and one 3-pin Australian mains plug. Suitable for connection of a device fitted with a standard Australian mains plug and a device fitted with an IEC-C14 connector to a UPS or other device fitted with a IEC-C13 output. Length is 600mm overall, comprising 2 x 250mm IEC sections and a single 150mm section from the mains socket to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3773	600mm	Black

IEC Mains Y Cord



10 Amp 3-core power cord fitted with standard Australian mains plug and two IEC-C13 connectors. Suitable for supply of power to both a PC and monitor from a single power outlet. Length is 2 metres overall, comprising 2 x 1.5 Metre IEC-C13 sections and a single 0.5 Metre section from the mains plug to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3774	2 Metre	Black

IEC Monitor Y Cord



10 Amp 3-core power cord fitted with one IEC-C14 connector and two IEC-C13 connectors. Suitable for supply of power to two monitors or other devices fitted with C14 connectors from a single IEC-C13 power connector. Length is 2 metres overall, comprising 2 x 1.5 Metre IEC-C13 sections and a single 0.5 Metre section from the IEC-C14 connector to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3778	2 Metre	Black

U.S.A. IEC Power Cord



For 110V use. AC power cord as used on most U.S.A. computers and office equipment. Fitted with IEC-C13 connector and 110V U.S.A. 3-pin mains plug.

CAT #	LENGTH	COLOR
K3764	1.8 Metre	Black
K3765	3 Metre	Grey

Mains Socket IEC Cord



10 Amp 3-core power cord fitted with standard Australian mains socket and an IEC-C14 connector. Suitable for connection of a device fitted with a standard mains plug to an IEC-C13 connector. Typically used to connect a PC to a UPS. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3791	150mm	Black
K3792	1500mm	Black

Extension Power Cord



Australian 10 Amp general duty extension power cord. 3-pin mains plug with insulated pins to comply with latest Australian Standard AS/NZS3112:2000 and recessed mains socket. Electrical Safety Authority Approved. Packed in colorful and strong hang-sell poly-bags. Standard color is white.

CAT #	LENGTH	COLOR
K4002	2 Metre	White
K4003	3 Metre	White
K4005	5 Metre	White
K4010	10 Metre	White
K4015	15 Metre	White
K4020	20 Metre	White
K4025	25 Metre	White

U.S.A. IEC-C7 Appliance Cord



new

For 110V use. 2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and 110V U.S.A. 2-pin mains plug.

CAT #	LENGTH	COLOR
K3762USA	2 Metre	Black

U.K. IEC-C13 Power Cord



10 amp AC power cord as used on most U.K., Hong Kong or Singapore computers and office equipment. Fitted with an IEC-C13 connector and a 230V 3-pin UK mains plug with integrated 13 amp fuse.

CAT #	LENGTH	COLOR
K3767	2 Metre	Black

European IEC-C13 Power Cord



new

10 amp AC power cord as required by most European computers and office equipment. Fitted with an IEC-C13 connector and a 230V earthed European mains plug.

CAT #	LENGTH	COLOR
K3769	1.5 Metre	Black
K3770	2 Metre	Black

AC Adaptors

We specialise in custom manufacture of AC adaptors to your exact specification. Popular voltage/current combinations are held in stock. A selection of popular output plug types and sizes is available or custom output plugs can be fitted if required. Output plugs wired for either centre positive or centre negative polarity are available. Our standard AC adaptors are unregulated. Fully regulated adaptors can be custom made. Our entire range of AC adaptors is Electrical Safety Authority approved and all cases and mains plugs meet dimensional requirements of AS/NZS3112. C-Tick indicates compliance with EMC standards. This table outlines some of our most popular AC adaptors. Many more variations are held in stock or adaptors can be custom made to your exact output voltage and current requirements.

DC OUTPUT TYPES

3.7V DC 355mA	9V DC 650mA	13V DC 450mA
4.5V DC 700mA	9V DC 760mA	13V DC 900mA
5V DC 500mA	9V DC 1A	13.8V DC 500mA
5V DC 1A	9V DC 3.5A	14V DC 400mA
5.5V DC 210mA	10V DC 400mA	14V DC 1A
6V DC 300mA	12V DC 200mA	15V DC 1A
6V DC 800mA	12V DC 350mA	16V DC 1A
6V DC 1A	12V DC 400mA	18V DC 1A
7.5V DC 200mA	12V DC 500mA	18V DC 600mA
7.5V DC 210mA	12V DC 600mA	24V DC 500mA
7.5V DC 300mA	12V DC 700mA	24V DC 800mA
7.5V DC 450mA	12V DC 750mA	24V DC 1A
7.5V DC 1A	12V DC 1A	24V DC 2.2A
9V DC 45mA	12V DC 1.2A	42V DC 150mA
9V DC 300mA	12V DC 1.3A	48V DC 200mA
9V DC 600mA	12V DC 1.5A	

AC OUTPUT TYPES

8V AC 5A	12V AC 1.5A	16V AC 3A
9V AC 500mA	12V AC 2A	18V AC 600mA
9V AC 650mA	12V AC 4A	18V AC 1.3A
9V AC 1A	13V AC 400mA	24V AC 500mA
9.6V AC 2.5A	13V AC 800mA	24V AC 1A
10V AC 600mA	14V AC 450mA	24V AC 2A
12V AC 150mA	14V AC 600mA	24V AC 3.2A
12V AC 500mA	14V AC 1A	
12V AC 1A	16V AC 1.5A	

28B AC Adaptor



Miniature AC adaptor with 1.68 watt maximum capacity for very low wattage applications. Dimensions 43(W) x 50(H) x 44(D)mm. Electrical Safety Certificate # N17838.

35A AC Adaptor



Small AC adaptor with 4.8 watt maximum capacity. AC or DC output voltages from 3V to 30V and current range from 80mA to 800mA. Dimensions 43(W) x 58(H) x 38(D)mm. Electrical Safety Certificate # N14077.

41A AC Adaptor



Medium sized AC adaptor. 10.8 watt maximum capacity. AC or DC output voltages, regulated or unregulated. From 3V to 30V with 200mA to 2 Amp current range. Dimensions 48(W) x 58(H) x 41(D)mm. Electrical Safety Certificate # N14257.

48A AC Adaptor



Larger AC adaptor with 18 watt maximum capacity. AC or DC output voltages, regulated or unregulated. From 3V to 30V with 300mA to 4 Amp current range. Dimensions 58(W) x 71(H) x 52(D)mm. Electrical Safety Certificate # N13816.

35B AC Adaptor



Our premium small AC adaptor. Unique 180 degree swivel mechanism provides excellent strain relief and reduces wear on output cord where it exits the adaptor case. With 4.8 watt maximum capacity. AC or DC output voltage from 3V to 30V and current range from 80mA to 800mA. Dimensions 44(W) x 75(H) x 45(D)mm. Electrical Safety Certificate # N14077.

41B AC Adaptor



Our premium medium sized AC adaptor with 10.9 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. Electrical Safety Certificate # N17130.

48M AC Adaptor



Our premium large size AC adaptor with 16.8 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. Dimensions 58(W) x 87(H) x 53(D)mm. Electrical Safety Certificate # N18616.

48C AC Adaptor (Alarm Panel PSU)



Large ventilated case with 24 watt maximum capacity designed for applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash colored case for security system manufacturers and installers. A selection of models stocked and custom models can be made from 3V to 30V with 300mA to 4 Amp current range. Case meets dimensional requirements of AS/NZS3112. Dimensions 58(W) x 77(H) x 57(D)mm. Electrical Safety Certificate # N17582.

57B AC Adaptor (Alarm Panel PSU)



Large ventilated case designed for high duty cycle applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash colored case for security system manufacturers and installers. 24 watt maximum capacity, AC or DC output voltages, regulated or unregulated from 3V to 30V with 300mA to 4 Amp current range. We specialise in custom manufacture to your exact specification. Popular voltage/current combinations are stocked. Case meets dimensional requirements of AS/NZS3112.

Dimensions 57(W) x 90(H) x 55(D)mm.
Electrical Safety Certificate # N14717.

Multi-Voltage Adaptor



3 models available: 300mA, 500mA and 1Amp. Rear mounted slide voltage selector switch prevents accidental changing of voltage whilst the unit is plugged into a mains outlet. 7 DC voltage selections: 1.5, 3, 4.5, 6, 7.5, 9 & 12 Volts DC. Compact wall mounted design. Green LED indicator. 180 degree swivel on output cord. Output plug selection including small EIAJ plug as used on some Walkmans, MP3 players, Gameboys etc. Output plug centre positive or centre negative changeable. Internal thermal fuse for electrical safety. Case meets dimensional requirements of AS/NZS3112.

CAT #	CURRENT	DIMENSIONS	APPROVAL #
T0300	300mA	43(W) x 73(H) x 53(D)	N17130
T0500	500mA	43(W) x 73(H) x 53(D)	N17130
T1000	1Amp	58(W) x 87(H) x 53(D)	N18616

EI 41 In-Line AC Adaptor



In-line medium sized AC adaptor. 4.5 watt maximum capacity. AC or DC output voltages, regulated or unregulated. From 3V to 30V with 200mA to 2 Amp current range. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 52(W) x 75(H) x 39(D)mm. Electrical Safety Certificate # Q96249.

66A In-Line AC Adaptor



In-line AC adaptor with 55.2 watt maximum capacity. Ventilated case. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 110(L) x 83(W) x 65(H)mm. Electrical Safety Certificate # N16680.

CAT #	OUTPUT
T0850OEM	8V AC 5Amp
T09354PD	9V DC 3.5Amp
T1240A21	12V AC 4Amp
T2420S/T	24V AC 2Amp

48E In-Line AC Adaptor



new

Our medium sized in-line AC adaptor with 16.8 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 58(W) x 87(H) x 53(D)mm. Electrical Safety Certificate # N18616.

66L In-Line Regulated AC Adaptor



In-line regulated AC adaptor with 24 watt maximum capacity. Features include ventilated case and flush LED indicator. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 139(L) x 83(W) x 73(H)mm. Electrical Safety Certificate # N16680.

CAT #	OUTPUT
T1222F/R	12V DC 2Amp
T1630S/T	16V AC 3Amp
T1810F/R	18V DC 1Amp
T2410F/R	24V DC 1Amp

57A In-Line AC Adaptor



In-line AC adaptor has 24 watt maximum capacity with AC or DC output voltages, regulated or unregulated from 3V to 30V with 500mA to 5 Amp current range. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 67(W) x 88(H) x 58(D)mm. Electrical Safety Certificate # N13285.

76B In-Line AC Adaptor



new

Our largest In-line AC adaptor with 76.8 watt maximum capacity. Features include ventilated case. AC input cord fitted with mains plug compliant with dimensional requirements of AS/NZS3112. Dimensions 185(L) x 98(W) x 90(H)mm. Electrical Safety Certificate # N17863.

CAT #	OUTPUT
T2422S/T	24V DC 2.2Amp
T2432S/T	24V AC 3.2Amp

15D Switch Mode PSU



Wall mounted light weight and compact Switch Mode Power Supply Unit with 18.0 watt maximum output capacity. 96V~264V AC wide input voltage range suits travel product applications. Popular voltages shown below. Other voltages can be custom made. Dimensions 81(H) x 55(W) x 44(D)mm. Electrical Safety Certificate # Q031455.

CAT #	OUTPUT	PLUG	CENTRE
T0528P17	5V DC 2.8Amp	EIAJ-02	Pos
T0528P21	5V DC 2.8Amp	11x5.5x2.1mm	Pos
T0528N21	5V DC 2.8Amp	11x5.5x2.1mm	Neg
T0528P25	5V DC 2.8Amp	11x5.5x2.5mm	Pos
T0625P21	6V DC 2.5Amp	11x5.5x2.1mm	Pos
T0920P21	9V DC 2.0Amp	11x5.5x2.1mm	Pos
T1255P21	12V DC 1.5Amp	11x5.5x2.1mm	Pos
T1255N21	12V DC 1.5Amp	11x5.5x2.1mm	Neg
T1255P25	12V DC 1.5Amp	11x5.5x2.5mm	Pos
T1512P21	15V DC 1.2Amp	11x5.5x2.1mm	Pos
T1810P21	18V DC 1Amp	11x5.5x2.1mm	Pos

30D Switch Mode PSU



new

In-line lightweight and compact Switch Mode Power Supply Unit with 18 watt maximum output capacity. 96V ~ 264V AC wide input voltage range suits travel product applications. Standard IEC-C14 inlet allows correct IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 99(W) x 36(H) x 50(D)mm. Electrical Safety Certificate # N18279.

CAT #	OUTPUT	PLUG	CENTRE
T0525P21	5V DC 2.5Amp	11x5.5x2.1mm	Pos
T0525P25	5V DC 2.5Amp	11x5.5x2.5mm	Pos
T0921P21	9V DC 2.0Amp	11x5.5x2.1mm	Pos
T1225P13	12V DC 1.5Amp	10.5x3.5x1.3mm	Pos
T1225P21	12V DC 1.5Amp	11x5.5x2.1mm	Pos
T4802P25	48V DC 200mA	11x5.5x2.1mm	Pos

42D Switch Mode PSU



new

In-line lightweight and compact Switch Mode Power Supply Unit with 42 watt maximum output capacity. 96V ~ 264V AC wide input voltage range suits travel product applications. Standard IEC-C14 inlet allows correct IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 100(W) x 35(H) x 56(D)mm. Electrical Safety Certificate # Q03302.

CAT #	OUTPUT	PLUG	CENTRE
T0560-001	5V DC 6.0Amp	11x5.5x2.1mm	Pos
T1235-001	12V DC 3.5Amp	11x5.5x2.1mm	Pos
T1823-001	18V DC 2.33Amp	11x5.5x2.1mm	Pos
T2417-001	24V DC 1.75Amp	11x5.5x2.1mm	Pos

48D Switch Mode PSU



new

In-line lightweight and compact Switch Mode Power Supply Unit with 48 watt maximum output capacity. 96V ~ 264V AC wide input voltage range suits travel product applications. Standard IEC-C14 inlet allows correct IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 124(W) x 40(H) x 60(D)mm. Electrical Safety Certificate # N18375.

CAT #	OUTPUT	PLUG	CENTRE
T0955P21	9V DC 5.5Amp	11x5.5x2.1mm	Pos
T0955PD	9V DC 5.5Amp	5 Pin	DIN

55F Switch Mode PSU



In-line Switch Mode Power Supply Unit with 55.0 watt maximum output capacity. 96V~264V AC wide input voltage range suits travel product applications. Standard 3-core IEC-C14 inlet is fitted to Class 1 (earthed) model allowing correct IEC-C13 power cord to be selected for each country. Standard 2-core IEC-C8 inlet is fitted to Class II (double insulated) model allowing correct IEC-C7 (figure-8) power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 132(W) x 60(H) x 35(D)mm. Electrical Safety Certificate # N16444.

CAT #	OUTPUT	IEC	PLUG	CENTRE
T1238P25	12V DC 3.8Amp	C13	11x5.5x2.5mm	Pos
T2454P25	24V DC 2.3Amp	C7	11x5.5x2.5mm	Pos

60D Switch Mode PSU



new

In-line Switch Mode Power Supply Unit with 60 watt maximum output capacity. 96V ~ 264V AC wide input voltage range suits travel product applications. Standard IEC-C14 inlet allows correct IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 114(W) x 38(H) x 62(D)mm. Electrical Safety Certificate # Q04547.

CAT #	OUTPUT	PLUG	CENTRE
T2425P25	24V DC 2.5Amp	11x5.5x2.5mm	Pos

IEC Power Cords to suit Page 20

RELATED PRODUCTS



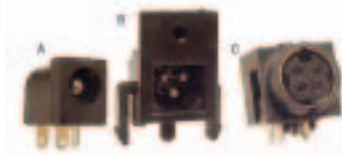
Ni-Cad Batteries



High quality Powermaster® nickel cadmium (Ni-Cad) rechargeable battery cell packs to suit PhoneMate 6900 telephone answering machines. Ni-Cad or NiMH battery packs with various connectors can also be made to your specifications.

CAT #	TYPE
K2955	PhoneMate 6900

PCB DC Sockets



PCB mount DC sockets to accept either 2.1mm or 2.5mm ID, Mini-IEC or Mini-Din DC output plugs.

CAT #	LABEL	SOCKET TYPE
K3721	(A)	5.5 x 2.1mm
K3725	(A)	5.5 x 2.5mm
K3718	(B)	3-pin Mini-IEC
K3717	(C)	4-pin Mini-Din

DC Output Plugs



Quality retro-fit DC output plugs for use with power supplies. Soft PVC backshell with flexible cord entry for improved strain relief. Any of these output plug types can be injection molded to output cords when ordering our power supplies.

CAT #	LABEL	PLUG TYPE
K3710	(A)	3.5(OD) x 1.3(ID)mm DC Plug
K3712/09	(B)	9(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3712/12	(B)	12(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3712/14	(B)	14(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3714/09	(C)	9(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3714/12	(C)	12(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3714/14	(C)	14(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3715	(C)	9.5(L) x 6.3(OD) x 3.2(ID)mm DC Plug
K3672	(D)	2.5 mm Mono Phono
K3674	(E)	3.5 mm Mono Phono
K3683	(F)	3 Pin Mini-Din
K3695	(G)	5 Pin Din
K3701	(H)	EIAJ-01
K3702	(I)	EIAJ-02
K3703	(J)	EIAJ-03
K3704	(K)	EIAJ-04
K3705	(L)	EIAJ-05
K3708	(M)	9.5(L) x 5.5(OD) x 2.1(ID)mm Right Angle
K3709	(N)	9.5(L) x 5.5(OD) x 2.5(ID)mm Right Angle

Sealed Lead Acid Battery

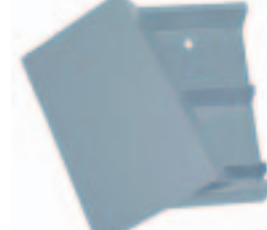


new

12 Volt rechargeable Sealed Lead Acid Batteries. Available in 1.2AH and 7.0AH capacities. Suitable for UPS, security and laboratory applications.

CAT #	TYPE	DIMENSIONS
K3010	12V 1.2AH	97(W) x 58(H) x 47.5(D)mm
K3012	12V 7.0AH	151(W) x 99(H) x 65(D)mm

Battery Backup Box



Metal cabinet for housing of 2 x 12V 7AH Sealed Lead Acid Batteries. Screw slots on the back allow easy wall installation. Inside shelf is fitted for secure stacking of 2 batteries. Applications include battery backup for telephone systems or alarm panels. Dimensions 185(W) x 300(H) x 80(D)mm. Wiring looms with correct connectors to suit various telephone systems also available.

CAT #	ITEM
K2822	Battery Box
K2824	Wiring Loom - Fused Nitsuko Cable (1.9 Metre)
K2825	Wiring Loom - Hybrex Cable (1.0 Metre)
K2826	Wiring Loom - Stripped/Tinned (300mm)
K2827	Wiring Loom - Fused Stripped (1.5 Metre)

DC Output Cords



Figure-8 output cables fitted with injection molded DC output plugs.

CAT #	PLUG TYPE	LENGTH
K3733	5.5 x 2.1mm	3 Metre
K3735	5.5 x 2.5mm	3 Metre

Mini IEC Output Cords



3-core round output cord fitted with miniature 3-pin connector (Mini-IEC). Used by specific brands of EFTPOS terminals and other devices.

CAT #	LENGTH
K3728	1800mm
K3729	4200mm

Phono Cords



Cords with injection-molded Phono plugs for low voltage and audio applications. W4092 is fitted with a 3.5mm + 2.5mm twin mono phono plug as used by cassette recorder microphones with on/off remote switch and radio equipment with a press-to-talk speaker/microphone. Other types can be custom made to any length using either stereo or mono 2.5mm, 3.5mm or 6.3mm phono plugs.

CAT #	TYPE	COLOR	LENGTH
W4010	Stereo to stripped	Black	600mm
W4092	2.5+3.5 mono to stripped	Black	1200mm

Output Plug Converter Cord



new

Output cord converter with injection molded DC plug and socket. Convert the existing output plug of a power supply to a different type, size or polarity. Cross-over version reverses polarity from centre-positive to centre-negative or centre-negative to centre-positive whilst either maintaining existing plug type and size or converting to another. Standard length is 130mm overall and standard construction is 20AWG.

CAT #	SOCKET	PLUG	WIRING	TIP COLOR	CORD
K3621-S25	2.1mm ID	2.5mm ID	Straight-thru	Black	Round
K3621-X21	2.1mm ID	2.1mm ID	Cross-over	Red	Round
K3621-X25	2.1mm ID	2.5mm ID	Cross-over	Green	Round
K3625-S21	2.5mm ID	2.1mm ID	Straight-thru	Black	Fig-8
K3625-X21	2.5mm ID	2.1mm ID	Cross-over	Green	Fig-8
K3625-X25	2.5mm ID	2.5mm ID	Cross-over	Red	Fig-8

Professional 2-in-1 Modular Tool



Precision steel hand tool for the professional. Two individual dies allow accurate termination of 6 and 8 position modular plugs. Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief.

CAT #	TYPE
T0017	6P/8P

Professional 3-in-1 Modular Tool



new

Precision steel hand tool for the professional. Three individual dies allow accurate termination of 4, 6 and 8 position modular plugs. 6 position die also has adjustment to accept MMP plugs. Separate model suits 10 position plugs. Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief.

CAT #	TYPE	PACKING
T0019	4P/6P/8P	Tool Only
T0019KIT	4P/6P/8P	Kit
T0016	10P/6P/6P-DEC/8P-AMP	Tool Only

Metal Modular Tools



These quality steel hand tools are ideal for in-field attachment of modular plugs. Excellent insulation penetration and strain relief is achieved. Cord cutting blade is incorporated. BT version also available to fit NZ/UK plugs with either left or right handed latch.

CAT #	TYPE
T0023	4P
T0022	6P
T0026	6P MMP
T0028	8P
T0029	10P
T0030	6P BT/NZ

Economy 3-in-1 Modular Tool



Three individual dies allow termination of 4, 6 and 8 position modular plugs. Handle incorporates cutter and stripper.

CAT #	TYPE
T0018	4P/6P/8P

Economy Modular Tool



Light duty 4 and 6 position tools for connection of modular plugs, suitable for occasional or hobbyist use. Built-in blade accurately strips PVC jacket of modular cord to the correct length.

CAT #	TYPE
T0021	4P
T0020	6P

IDC Connection Tool with Sensor



new

Quality impact tool for reliable IDC connections to our P8700 disconnect modules or Krone type terminals. Blade performs simultaneous cut and terminate operations. Fitted with handy fold-out hook and screwdriver accessories. The sensor prevents angled termination and also helps with double jumpering by cutting the second wire before the first wire. Cutting function may be turned off. Used to terminate wires with a diameter of 0.4 - 0.9mm (20 -27 AWG) and insulation of 0.70 to 1.90mm. Not suitable for 110 type IDC terminals.

CAT #
T0059

IDC Impact Tool



Quality impact tool with adjustable tension for impact mechanism. Versions available for termination of 110 or Krone type IDC systems. Reversible blade allows terminate only or terminate/cut operations. Compartment in body for storage of spare or alternative type blades. Spare blades are also stocked.

CAT #	TYPE
T0050	Impact tool for Krone type terminals
T0055	Impact tool for 110 type terminals
T0051	Spare blade for Krone terminals
T0056	Spare blade for 110 terminals



Modular Plugs	Page 11
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Keystone Safety Impact Chassis



This safety chassis is for safe and speedy termination of our Cat-5E Keystone jacks when using an IDC impact tool.

CAT #
T0060

Hexagonal Ratchet Crimp Tools



new

These precision hand crimping tools employ a ratchet action ensuring correct crimping pressure is applied for reliable, trouble-free crimping of coaxial cable plugs. Tool T0038 suits our BNC RG59/U crimp plugs. Tool T0039 is compatible with both our BNC RG59/U crimp plugs and our F-type RG6/U connectors.

CAT #	DIE	SUITS CRIMPS	GRIP COLOR
T0038	G	P0702	Green
T0039	C2	P0702, P0712	Blue

Die Sizes

DIE	SIZES (INCHES)
G	.043 .068 .100 .137 .213 .255
C2	.068 .262 .324 .350

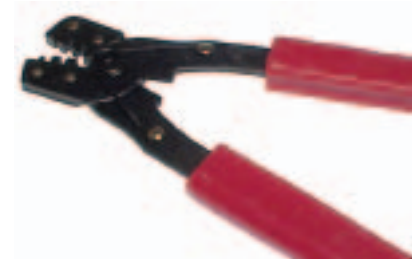
Gel Connector Crimp Tool



Custom made precision crimp tool for 100% reliable crimping of our gel connectors or Scotchlock connectors.

CAT #
T0037

H1130 Crimp Tool



This quality metal crimping tool is designed for accurate connection of H1130 insulation piercing quick connect crimps which are used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. A handle operated cord cutter is incorporated.

CAT #
T0035

Coaxial Cable Stripper



new

For stripping RG6, RG58 and RG59 coaxial cables. 3 blades ensure accurate stripping length of each cable section. Built-in hex screws for accurate depth-of-cut adjustment for each blade. Preset stripping length of 12mm (8mm + 4mm). Blades may be repositioned to give a 10mm (6mm + 4mm) stripped length.

CAT #
T0063

Round Cable Stripper



new

Economy stripper tool. Specifically designed to strip the jacket from round cables without damaging the conductors. Ideal for Cat-5E or Cat-6 cable, security cable and telephone cable. Available with 110 IDC tool built into the tip.

CAT #	IDC TOOL
T0033	No
T0034	Yes

Cutter Stripper



Designed specifically for flat modular cord, this durable cutter/stripper has wide adjustable jaws for accurate and even stripping of PVC jacket. Separate cord cutting jaw is also incorporated.

CAT #
T0032

F-Set Tone Probe Kit



Tone generator and amplifier probe kit (F-set) for cable tracing and identification of premises wiring. Tone generator is fitted with alligator clips and modular plug. Has internal switch for modulated or unmodulated tone and external tone/continuity-test/off switch. Probe has built-in speaker, volume control and headset socket. Supplied in black velcro canvas pouch. 9V batteries for generator and probe are included.

CAT #
T0115

Cat-5 Test Set



LAN cable tester with LCD to identify and display exact pin-to-pin wiring configuration. Remote included for near-end/far-end testing of installed network cables on site. Supplied in a black zippered vinyl pouch. Requires 9V battery (not included).

CAT #
T0045

**RELATED
PRODUCTS**

Coaxial Cable	Page 4
Coaxial Connectors	Page 28
Flat Line Cord	Page 2
Cat-5/Cat-6 Cables	Page 3
Gel Connectors & Quick Connect Crimps	Page 28

BNC Coupler



new

BNC coupler enables two coaxial cables fitted with male BNC plugs to be coupled together. Knurled centre section provides grip whilst connecting or disconnecting BNC plugs. Can also be used as a gender changer.

CAT #

P0704

BNC Double Adaptor



new

One piece double adaptor fitted with one male BNC plug and two female BNC sockets. 180° "Y" configuration.

CAT #

P0708

BNC to F-Connector Adaptor



new

Adapts a male BNC plug to a female F-connector. Applications include connection of F-connectors to CCTV cameras that are fitted with BNC sockets.

CAT #

P0707

RCA / BNC Adaptor



new

One piece adaptor with male RCA plug and female BNC socket. Knurled centre section provides grip whilst connecting or disconnecting the BNC plug.

CAT #

P0706

F-type Crimp Plug for RG6/U



new

F-type crimp plug for RG6/U quad-shield coaxial cable. Suitable for digital-TV, CCTV, CATV, SATV and other low-loss applications. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 using the 0.324" hexagonal die.

CAT #

P0712

BNC Crimp Plug



new

BNC crimp plug suitable for RG59/U and RG6/U coaxial cables. The 3-piece design has a separate crimp-pin for trouble free connection to either solid copper or copper-clad steel cable types. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 or T0039 using the 0.068" hexagonal die for the pin and the 0.255" or 0.262" hexagonal die for the sleeve.

CAT #

P0702

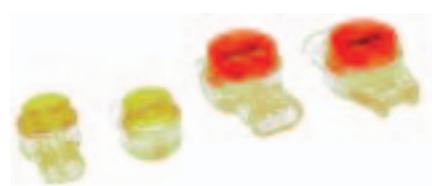
P0703

SUITS

RG59/U

RG6/U

Gel Connectors



Gel filled, IDC, insulated butt connector for 2 or 3 wire solid copper conductors of 19 to 26 AWG having maximum insulation OD of 2.08mm. Contains moisture resistant sealant, rated to IP67.

CAT #	WIRES	CAP COLOR	TYPE
P8632	2	Yellow	UY2
P8633	3	Red	UR2
T0037	Crimp tool to suit		

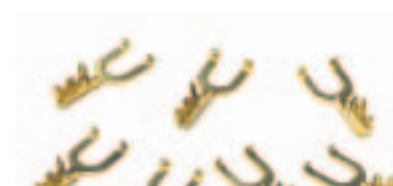
Quick Connect Crimps



H1130 insulation piercing quick connect crimps, used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. Single form, packed in poly bags of 10, 150 or bulk. Also available in 20K rolls, continuous form.

CAT #	QUANTITY
P1130	10 Pack
P1135	150 Pack
P1120	20K Reel

Y-Terminals



Insulation displacement "Y" shaped terminals for use when connecting telephone line cords to screw terminals. Folded tips hold the terminal captive while the screw is tightened. Available in packs of 10, 150 or bulk.

CAT #	QUANTITY
P1100	10 Pack
P1110	150 Pack
P1111	Bulk

Line Isolation Units for Music On Hold



new

Compact LIU allows any audio device having an earphone or line-out socket to be connected to any compatible Key Telephone or PABX system to provide music to calls that are placed on hold. Incorporates a recessed potentiometer to adjust volume level. All source cords are 600mm long. The length of the system cord is shown in the table below.

CAT #	SOURCE	SYSTEM	LENGTH
K2400	3.5mm Mono Phono	606	1500mm
K2401	3.5mm Stereo Phono	606	1500mm
K2402	3.5mm Mono Phono	3.5mm Mono Phono	600mm
K2403	3.5mm Stereo Phono	3.5mm Mono Phono	600mm
K2404	RCA Male	RCA Male	600mm
K2406	3.5mm Mono Phono	RCA Male	600mm
K2407	3.5mm Stereo Phono	RCA Male	600mm
K2409	3.5mm Stereo Phono	RJ11	600mm

Message Waiting Light



Small red bezel with 120V AC neon suitable for installation of Message Wait Light or Visual Ring Indicator to any telephone. Bezel diameter is 7.75mm and requires a 7.00mm hole for installation.

CAT #
K3800

Main/Alternative Changeover Switch



Used to isolate alternate equipment such as an answering machine from the main telephone/s or telephone system. All connections are screw terminals. Supplied complete with mounting block.

CAT #
P8639

Telephone Recorder Box



Allows telephone conversations to be automatically recorded. Connects to the telephone line via a 6P2C modular plug. The 3.5mm mono phono-plug connects to a tape recorder's mic or aux-in socket and a 2.5mm mono phono-plug connects to the tape recorder's remote switch socket to control start/stop recording. Note: This product does not have an A-tick. Recording of telephone conversations without the knowledge of all parties may be illegal.

CAT #
K2700

Toroid



Ferrite toroid as required for telephone line cords of some devices to ensure compliance with EMC standards. Hinged plastic case for easy fitting to line cord. Injection molded version also available.

CAT #	COLOR
K3900	Ash

Commander Hookswitch



Genuine Japan made replacement microswitch for N, AN and BN series Commander stations. Also correct replacement hookswitches for Nitsuko FP-1000 and FP-2000 multi feature telephones.

CAT #
Z1400

Handset Cord Untangler



new

Fits into modular handset socket of telephone and coiled cord plugs into it. Swivel action prevents coiled cord from twisting.

CAT #
P1610

Calling Line Identification Unit



Decodes caller ID information from up to 8 exchange lines. Lines are connected by RJ11 sockets. Data is output in ASCII format to a computer, printer or other serial device via an RS-232C DB-9 socket. Up to 12 units can be daisy-chained together to support a maximum of 96 exchange lines. Grey wall-mounted ABS housing. Dimensions 185(W) x 320(H) x 625(D)mm.

CAT #
H4048

Telephone Receivers and Transmitters



Genuine replacement transmitters and receivers to suit various Commander stations and older telephones. N series inserts also suit Nitsuko FP-1000 multi feature phones. AN/BN series inserts also suit Nitsuko FP-2000 multi feature telephones.

CAT #	SERIES	TX/RX	TYPE
Z3000	N	RX	R62
Z3100	N	TX	T62
Z3104	800	RX	4T
Z3200	AN/BN	TX/RX	DH26
Z3102	Electret	TX	

Handsets



Replacement handsets for various popular telephones. Dial-less telephone also available.

CAT #	TYPE	COLOR
K5100	Nitsuko AN/BN/FP2000	Ash
K5110	G Type Handset	Ash
K5115	K Type Handset	Black
K5555	Dial-less Phone	Charcoal

Featurefone 8



Reliable and functional telephone for business or residential use • 10 single touch memories • 30 abbreviated memories • tone/pulse switchable dialling • hookflash/earth switchable • easycall compatible • PABX pause • adjustable ringer volume and pitch • modular handset and line cords. Austel Permit # C87/33/0292.

CAT #	COLOR
B1610	Mauve
B1615	Red

Thinfoone



Compact and reliable wall or desk telephone with proven reliability in the hotel industry. Suitable for desk use or wall mounting • 10 number memory • last number redial, tone/pulse switchable dialling • easycall compatible • illuminated dial pad • modular handset and line cords • optional message waiting light • optional blank dial pad for courtesy or emergency phone applications. Austel Permit # A92/30H/0098.

CAT #	COLOR
F1490	Ash
F1500	White
F1570	Black

AR8200 Mk 3 Receiver



new

Features • Frequency range 500kHz-3000 MHz (no gaps) • All mode receive: WFM, NFM, SFM (Super Narrow FM), WAM, AM, NAM (Wide, Standard, Narrow AM), USB, LSB & CW. • The RF front-end is preselected around VHF to ensure the highest levels of adjacent channel rejection with software spurious cancellation. The short wave bands are converted directly to an IF of 45 MHz to remove compromise and a detachable plug-in medium wave bar aerial is provided for localised monitoring with a negative feedback circuit employed. • The band plan is factory programmed to ensure that the AR8200 MK3 automatically selects the correct receive mode and tuning step. • Step-adjust, frequency offset, AFC • The side keypad provides four arrow keys presented as a single 'rocker' resulting in more natural and intuitive navigation through the on-screen menus. • Tuning is accomplished via a variety of controls including a side panel indented main tuning dial, arrow keys and keypad. • LCD illumination has been improved for better visibility and also has selectable power-saving operating modes. • Four NiMH (Nickel Metal Hydride) batteries.

CAT #	ITEM
C5012	AR8200 Mk 3 Receiver
C5014	SC8200 Pouch
C5015	TE8200 Tone Eliminator Slot Card
C5016	CR8200 Cassette Recorder Cord
C5017	CT8200 CTCSS Slot Card
C5018	EM8200 Extra Memory Slot Card
C5019	CC8200 Computer Interface Cable
C5020	VI8200 Voice Inverter Slot Card
C5030	RT8200 Reaction Tuning Lead

Answering Machine Cassettes



Quality Callmaster® standard size endless loop Outgoing Message (OGM) and leaderless Incoming Message (ICM) cassettes for compatible telephone answering machines.

CAT #	TYPE
K2410	OGM 10 second
K2415	OGM 15 second
K2420	OGM 20 second
K2430	OGM 30 second
K2445	OGM 45 second
K2460	OGM 60 second
K2595	OGM 120 second
K2495	ICM 60 minute

Micro Cassettes MC-60



High quality Callmaster® MC-60 micro cassette, 30-minutes each side. Suitable for telephone answering machines and dictating equipment.

CAT #
K2780

Telephone Shoulder Rest



Self-adhesive shoulder rest to suit most telephone handsets. Supplied in a color blister pack.

CAT #
K2705

DTMF Encoder



Encoder is engineered to high quality standards ensuring accurate DTMF frequency reproduction. Standard color is black. Batteries are included.

CAT #
K3309

Frequency Register



A comprehensive register of government radio frequencies covering the States of Queensland, New South Wales, Australian Capital Territory and Victoria. This register was compiled after many hours of listening and contains some additional information such as call-signs and codes used by various government departments and authorities.

CAT #
C5000

WineKeeper®



new

The Winekeeper® 34 wine storage cabinet provides a precisely-controlled temperature for the secure storage of wines. Capacity: 34 x 750ml standard wine bottles. Six 5-bottle chrome-plated shelves. One 4-bottle white powder-coated rack. Electronic control to select the correct temperature for the storage of red, white or sparkling wines. Temperature range 7-18°C. Reversible double-glazed glass door is fitted with a key-lock for security. Cabinet and door-sides painted gloss black. White interior. Black ABS top. CFC free. Dimensions 865(H) x 505(W) x 504(D)mm.

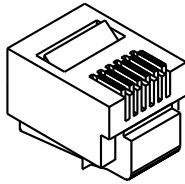
CAT #	CAPACITY
X1034	34 Bottles

Modular Plug/Jack Types

There are several modular jack sizes and variations.

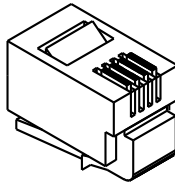
6 Position

The 6 position modular plug is most commonly used for line cords in voice applications and is often referred to as RJ11 or RJ12. The 6 position poly-carbonate body can be loaded with only the centre 2 or 4 gold contacts or can be fully loaded with all 6 contacts. For basic 2 wire voice applications, the centre 2 contacts are used and the plug should be correctly described as 6P2C (6 position, 2 contact). Where 4 wires are required for Key Telephone Stations or two lines etc., the centre 4 contacts are used and the plug should be correctly described as 6P4C. In applications which require 6 wires, all contacts are loaded and the plug is called 6P6C.



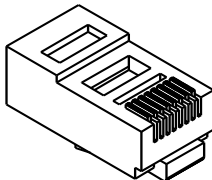
4 Position

The 4 position modular plug (4P4C) is narrower than the 6 position modular plug. Usually only used on coiled telephone handset cords, although occasionally used for other applications.



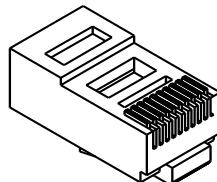
8 Position

The 8 position modular plug is now becoming the standard for data and voice applications. This jack is usually referred to as RJ45. The plug body is usually supplied with all 8 gold contacts loaded is should be correctly referred to as 8P8C. For basic voice line cords the plug may be loaded with only the centre 2 or 4 gold contacts and referred to as either an 8P2C or 8P4C. For data applications, several color coding sequences are used for the conductor pairs. In Australia, the most widely used system is known as T568A.



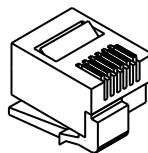
10 Position

The 10 position (10P10C) modular plug is has same width body as the 8 position but has an extra contact added on each side.



MMP

The MMP - Modified Modular Plug is a proprietary variation of the 6 position plug which was developed by Digital Equipment Corporation (DEC). The MMP plug has the latch shifted from the centre to one side to avoid the possibility of interchanging DEC data wiring and a normal telephone line plug. MMP is also referred to as DEC-Connect or MMJ. An 8 position keyed modular plug is also available but is not commonly used in Australia.



NOTE

We recommend adoption of 8P8C, 6P4C terminology when describing modular plugs and jacks. This is a definite way to avoid confusion between similar plugs.

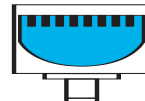
The codes RJ11, RJ12, RJ45 and other RJ (Registered Jack) numbers actually specify various wiring configurations used in the USA, not actual Plug or Jack types.

Modular Plug Variations

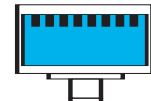
Round or Flat Cord Entry

2 variations of modular plug exist to accommodate either Flat or Round cord. The lower face of the cord entry on the rear of the plug body can be either Flat or Round.

The round type should always be used when terminating Cat-5E or Cat-6 or other round cords to ensure that the jacket and conductors are not crushed during termination. Flat cord plugs must be used to ensure adequate cord strain relief of flat cord.



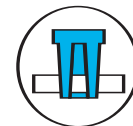
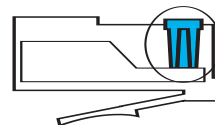
Round



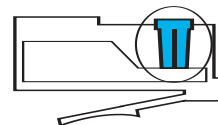
Flat

Contacts for Solid or Stranded Conductors

The IDC (Insulation Displacement Contact) section of the gold contacts can be designed for either solid conductors or stranded conductors. Plugs for solid wires have a 3 pronged contact which forks over the solid conductor whilst the contacts for stranded conductors have 2 spikes which penetrate between the strands. Failure to use the correct contact type will result in unreliable terminations.



Solid



Stranded

Modular Plug Termination Recommendations

- Always use a modular plug with the correct contacts for stranded conductors or solid conductors.
- Do not terminate flat cord plugs onto round cord & vice versa.
- Avoid plugging 6 position plugs into 8 position sockets where possible.
- Use quality tools for crimping modular plugs.
- Avoid RJ11, RJ45 Terminology to avoid confusion.
- Ensure plugs with suitable grade of gold plating are used.
- Avoid excessive bending or squashing of Data Cable jackets.
- Use plug boots to provide extra strain relief.

Modular Plug Gold Plating

The contacts used in modular plugs are gold plated and the gold plating thickness affects the electrical characteristics of the contact and its resistance to corrosion. The thickness of the Gold Plating is usually measured in μ " (Microinches) or sometimes in microns.

Thickness of Contact Gold Plating

Microinch	Microns	Comments
6 μ "	0.15 μ m	Not recommended. Sometimes used on poor quality or unapproved telephones.
15 μ "	0.38 μ m	The minimum quality for satisfactory voice connections. Unsuitable for data.
30 μ "	0.76 μ m	Satisfactory for voice connections and low speed data only.
50 μ "	1.27 μ m	Provide reliable voice & data connection to Cat-5 (when terminated correctly).

Straight-thru and Cross-over Cords

Modular Cords

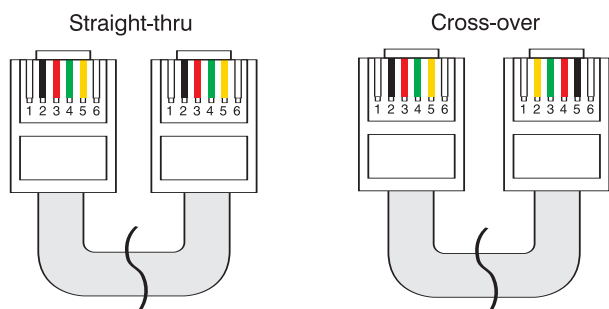
Flat modular cords can be wired in either straight-thru or cross-over configuration. Cross-over wiring is most commonly used for connection of equipment such as telephones, modems, faxes and terminals to a modular wall outlet. However, voice applications will usually tolerate either configuration. Data equipment may use either straight-thru or cross-over depending on the equipment's specifications. Accessories such as couplers and double adaptors are available in straight-thru or cross-over models.

Flat Modular Cord Wiring Configurations

Straight-thru Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 8
Pin 2	Pin 2	Pin 2	Pin 7
Pin 3	Pin 3	Pin 3	Pin 6
Pin 4	Pin 4	Pin 4	Pin 5
Pin 5	Pin 5	Pin 5	Pin 4
Pin 6	Pin 6	Pin 6	Pin 3
Pin 7	Pin 7	Pin 7	Pin 2
Pin 8	Pin 8	Pin 8	Pin 1

Checking Flat Modular Cord Wiring Polarity.

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the color sequence from left to right. If the colors appear in the same sequence on both plugs, the cord is wired straight-thru. If the color sequence is reversed on the second plug, the cord is wired cross-over.



Category 5 & 5E Patch Cords

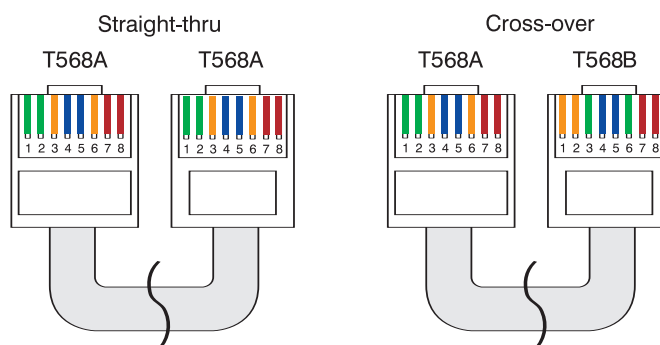
The majority of patch cords used for connections between jacks on a patch panel or from a PC or terminal to a wall outlet are wired straight-thru in T568A to T568A configuration. Cross-over cords are used to daisy-chain switches/hubs or for direct connection of 2 computer network interface cards. Cross-over cord wiring is T568A to T568B with the wiring of the green and orange pairs being transposed.

Category 5, 5E & 6 Modular Cord Wiring Configurations

Straight-thru Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 3
Pin 2	Pin 2	Pin 2	Pin 6
Pin 3	Pin 3	Pin 3	Pin 1
Pin 4	Pin 4	Pin 4	Pin 4
Pin 5	Pin 5	Pin 5	Pin 5
Pin 6	Pin 6	Pin 6	Pin 2
Pin 7	Pin 7	Pin 7	Pin 7
Pin 8	Pin 8	Pin 8	Pin 8

Checking Category 5 & 5E Modular Cord Wiring Polarity.

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the color sequence from left to right. If the colors appear in the same sequence on both plugs, the cord is wired straight-thru. If the color sequence of the green and orange pairs is transposed on the second plug, the cord is wired cross-over.



Cable Categories

Category	Frequency	Max Data Speed	Use
1&2	< 1MHz	56 Kbps	Voice & low speed data only
3	16MHz	10Mbps	Voice & low speed LAN (10-Base-T, 4 Mbps Token Ring)
4	20MHz	16Mbps	Voice & moderate speed LAN
5	100MHz	100Mbps	Voice & high speed LAN
5E	125MHz	1000Mbps	Voice & high speed LAN
6	250MHz	>1000Mbps	Gigabyte LAN
7	600MHz	>1000Mbps	Future applications

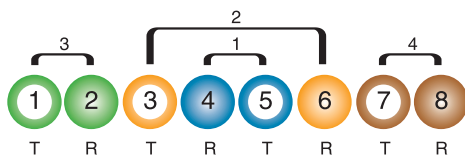
Category 5 & 5E Color Sequence

Category 5 & 5E cabling utilises a standard conductor color coding system. Each pair of conductors consists of a white conductor and a colored conductor. Each white conductor is usually marked with a colored stripe or band to prevent incorrect pairing.

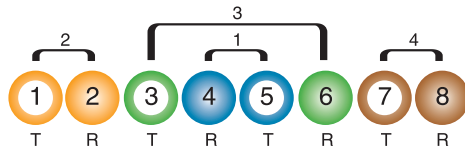
Pair	Color
1	White/Blue
2	White/Orange
3	White/Green
4	White/Brown

Two different pair sequences are used for terminating pairs in a Cat-5 or Cat-5E cabling system. Each pair consists of 2 conductors known as the Tip and Ring. The tip (or L+) conductor is always white and the ring (L-) conductor is colored. Each pair of conductors is assigned a pair of pins in the modular jack according to one of the following standard sequences. The preferred pair assignment for use in Australia is identified as T568A, although T568B is also used.

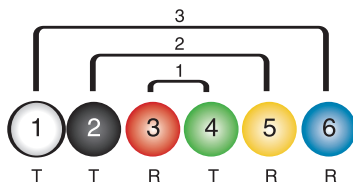
TIA/EIA 568A (Preferred Australian System)



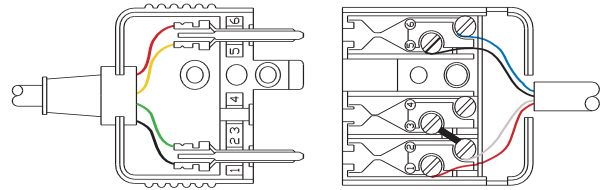
TIA/EIA 568B (AT&T)



Flat Voice Cord Color Sequence (USOC)



605 Plug/610 Socket Color Sequence



Telstra Facility Cable Color Coding

Pair	Tip (L+)	Ring (L-)
1	White	Blue
2	Red	Black
3	Orange	Green

Telephone Line Test Numbers

All test numbers for Telstra begin with 12722. All test numbers for Optus begin with 12723. There are a few test numbers used by both carriers.

Common Test Numbers

Test Number	Service
12711	Long distance carrier pre-selection confirmation
1800 80 1920	Own number RVA

Telstra Test Numbers

Test Number	Service
12722 0	CND send status
12722 123	Own number RVA
12722 199	Ringback
12722 40008	RVA

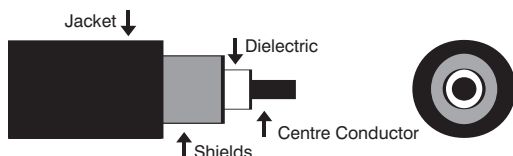
Optus Test Numbers

Test Number	Service
12723 12	Own number RVA
12723 22	1 KHz tone
12723 99	Ringback

Coaxial Cables

Coaxial cable (or "coax") is the most common cable used for transmitting video signals. The name "coaxial" refers to the common axis of the two conductors.

Construction of a Coaxial Cable



A coaxial cable has a solid copper or copper-clad-steel centre conductor surrounded by a non-conductive dielectric insulating material. The dielectric is surrounded by foil shield/s and/or copper braid/s which form the outer conductor and also shield against electromagnetic interference (EMI). The outer conductor/shield is encased in a PVC jacket.

Most coaxial cables for video applications have a nominal impedance of 75 ohms. Their differing electrical and physical characteristics make it important to select the correct type of cable to suit the application.

Types of Coaxial Cables

The three most commonly used coaxial cable types for video applications are RG59/U, RG6/U and RG11/U. The "RG" number originated from the "registration number" allocated by the US military to each type of cable. The "U" indicates that the dielectric is unbonded to the centre conductor.

RG59/U is available with either solid copper or copper-clad-steel centre conductor. It's suitable for basic analog TV antenna feeds in residential applications and for basic CCTV systems over short cable runs. The copper-clad-steel type has high tensile strength and should be used when terminating the cable with F-Type connectors.



RG6/U Dual-shield is used for security systems, for analog TV antenna cabling and for CCTV. It features a copper-clad-steel inner conductor. Tri-shield and quad-shield versions of RG6/U provide additional EMI shielding for digital applications.



RG6/U Quad-shield is the minimum requirement under the latest Australian Standard for digital TV antenna cabling and for all TV antenna cabling for apartments/units (MATV). It is also used for the distribution of Cable TV (CATV) and Satellite TV (SATV) in residential or commercial premises. It features a copper-clad-steel inner conductor. Dual-shield and tri-shield versions of RG6/U do not provide adequate EMI shielding for these applications.



RG11/U Quad-shield is used for the same applications as RG6/U for either backbone cabling or for long distribution runs. It features a copper-clad-steel inner conductor.



Coaxial Connectors

BNC connectors are bayonet type connectors, commonly used in CCTV systems. They are the most suitable connector for use with RG59/U cable.



F-Type connectors are used for CATV, SATV and Digital TV in conjunction with either RG6/U or RG11/U cables. The copper-clad-steel inner conductor of the cable forms the inner "pin" of the connector. Although "twist-on" type connectors are available, they do not produce a reliable connection in comparison to a crimp-type connector that has been terminated with a good-quality ratchet crimping tool.



PAL (Belling Lee) connectors are a push-on connector that has been traditionally used for TV antenna wall plates and connections. With the exception of TV/VCR hook-ups, PAL connectors are being replaced by F-Type connectors as required for CATV, SATV and DTV.



Adaptors. Where BNC connectors are required with RG6/U coaxial cable, it is recommended that an F-Type plug be crimped to the RG6/U and an F-Type to BNC adaptor used.



Power Calculation

The following formula is used to calculate wattage (or VA). This formula is useful to determine if a required voltage and current combination will exceed the maximum capacity of a particular AC Adaptor's case.

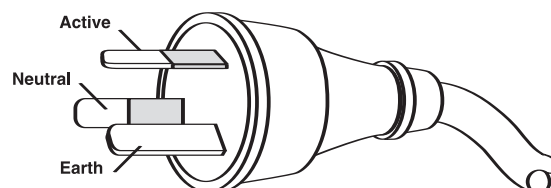
$$\text{Volts} \times \text{Amps} = \text{Watts (VA)}$$

IEC-320 Appliance Connectors

Connector Type	Connector	Inlet	Max. temp.	Rated Current
	C1	C2	70°C	0.2A
	C3	C4	70°C	2.5A
	C5	C6	70°C	2.5A
	C7	C8	70°C	2.5A
	C9	C10	70°C	6.0A
	C11	C12	70°C	10.0A
	C13	C14	70°C	10.0A
	C15	C16	120°C	10.0A
	C15A	C16A	155°C	10.0A
	C17	C18	70°C	16.0A
	C19	C20	70°C	16.0A
	C21	C22	155°C	16.0A
	C23	C24	70°C	16.0A

3-pin Australian Mains Plug

Use	Marking	Flex Conductor Colors	Building Wire Conductor Colors
Active	A	Brown	Red
Neutral	N	Blue	Black
Earth	E	Green/Yellow	Green/Yellow



Approvals, Permits and Compliance

ACA / Austel Compliance

The Australian Telecommunications Authority (Austel) were responsible for issuing cabling licences, equipment permits and monitoring the conduct of licence and permit holders for all equipment and components connected to the Australian telephone network. The Spectrum Management Agency (SMA) was the Australian Commonwealth statutory agency responsible for the management of radio-communications in Australia. On 1 July 1997, AUSTEL and SMA merged to form the Australian Communications Authority (ACA). The ACA is now responsible for technical regulation, consumer issues and licensing of telecommunications and radio-communications in Australia.

A-Tick

The A-tick and ACA supplier code indicates compliance with Australian telecommunications requirements and that the equipment can be legally connected to the Australian Telecommunications Network. Our ACA supplier code is N692.



C-Tick

C-Tick markings may also appear on products which are required to comply with Australian electromagnetic compatibility requirements and radio-communications standards and indicate that the product may be legally sold in Australia. Our ACA supplier code is N692. Since 31 December 1998, all equipment which requires EMC compliance must be marked with the C-tick and ACA supplier code number. The supplier is responsible for holding a Compliance Folder which contains compliant test reports and a Declaration of Conformity.



A-Cross

If an item covered by the Telecommunications Labelling Notice does not comply with the applicable standard(s) and it is not a permitted item, it is regarded as non-compliant. All non-compliant items must be labelled with the A-Cross non-compliance symbol and the non-compliance notice shown below.



CAUTION

DO NOT USE BEFORE READING THE INSTRUCTIONS

Do not connect this customer equipment or customer cabling to a carrier or carriage service provider's telecommunications network or facility unless:

- (a) you have the written consent of the network or facility manager; or
- (b) the connection is in accordance with a connection permit or connection rules.

Connection of this customer equipment or customer cabling may cause a hazard or damage to the telecommunications network or facility, or persons, with consequential liability for substantial compensation.

Electrical Safety Compliance & RCM

Power cords and AC adaptors for use in Australia must be tested for compliance with state electrical safety authority regulations. The New South Wales state government department responsible for electrical safety is the Department of Fair Trading (DOFT). Most other states also have a department responsible for issuing Electrical Safety Certificates. A safety certificate issued in any state is recognised Australia wide. The product must be marked with a valid Electrical Safety Certificate Number e.g. N13816 or a RCM number issued by Standards Australia (SAA) e.g. N5071. C-Tick markings may also appear on an AC adaptor and show compliance with EMC standards. The RCM (Regulatory Compliance Mark) may be used as an alternative to show compliance with Electrical Safety and EMC standards. Our RCM (SAA) number is N5071.



DTMF – Dual Tone Multi Frequency

DTMF is the signaling method used for dialing by most modern telephones. A pair of frequencies is assigned to each of 12 dial buttons on the telephone. An additional column of DTMF tones (A, B, C & D) is also specified but is seldom used now. DTMF signaling is also sometimes referred to as Tone Dialing, VF Signaling, MF Dialing or Touch Tone. The "#" symbol is also known by many different names including Crosshatch, Hatch, Pound and Octothorpe.

DTMF Frequency Matrix

		High Group Frequencies			
Low Group Frequencies	Hz	1209 Hz	1336 Hz	1477 Hz	1633
	697 Hz	1	2	3	A
	770 Hz	4	5	6	B
	852 Hz	7	8	9	C
	941 Hz	*	0	#	D

Tip and Ring

The names for the two wires of a telephone line were derived from the electrical contacts on the original 1/4 inch telephone plug. These plugs are similar in appearance to the 6.5mm diameter stereo phono plugs that are sometimes still used for stereo headsets. One electrical contact is at the tip of the plug (used for Line +) and the other is a ring just above it (used for Line -). There is also a third contact referred to as the sleeve.



Internal Telephone Cabling Color Coding and Pair Assignment

	Pair	Line +	Line -
Flat Modular Cordage	1	Green	Red
	2	Black	Yellow
	3	White	Blue
6P6C RJ12 Pin	1	3	4
	2	5	2
	3	1	6
Cat-5 & Cat-5E Color Code	1	White/Blue	Blue
	2	White/Orange	Orange
	3	White/Green	Green
	4	White/Brown	Brown
8P8C RJ45 Pin	1	5	4
	2	3	6
	3	1	2
	4	7	8

Internal Telephone Cable Color Code

Pair numbering commences at outer layer

Pair	Line +	Line -
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Slate
6	White	Blue/White
7	White	Blue/Orange
8	White	Blue/Green
9	White	Blue/Brown
10	White	Blue/Slate
11	White	Orange/White
12	White	Orange/Green
13	White	Orange/Brown
14	White	Orange/Slate
15	White	Green/White
16	White	Green/Brown
17	White	Green/Slate
18	White	Brown/White
19	White	Brown/Slate
20	White	Slate/White
21-40	Yellow	Repeat Sequence
41-60	Black	Repeat Sequence
61-80	Violet	Repeat Sequence
81-100	Red	Repeat Sequence

External Telephone Cable Color Code

Pair	Line +	Line -	Binder-tape colours:	
1	White	Blue	Pairs 1-10	Blue binder
2	White	Orange	Pairs 11-20	Orange binder
3	White	Green	Pairs 21-30	Green binder
4	White	Brown	Pairs 31-40	Brown binder
5	White	Slate	Pairs 41-50	Slate binder
6	Red	Blue	Pairs 51-60	Blue/White binder
7	Red	Orange	Pairs 61-70	Blue/Orange binder
8	Red	Green	Pairs 71-80	Blue/Green binder
9	Red	Brown	Pairs 81-90	Blue/Brown binder
10	Red	Slate	Pairs 91-100	Blue/Slate binder

I.P. Rating

A three-digit number (as specified in Australian Standards AS1939 and EN60529) is used to provide an Ingress Protection Rating to a piece of electronic equipment or to an enclosure for electronic equipment.

The three digits represent three different forms of environmental influence:

The **first digit** represents protection against ingress of solid objects.

The **second digit** represents protection against ingress of liquids.

The **third digit** represents protection against mechanical impact damage.

The third digit is often omitted, resulting in a 2-digit IP Rating covering ingress against solid objects and liquids only.

The larger the value of each digit, the greater the protection from the corresponding environmental influence. As an example, a product rated as IP573 would be better protected against environmental factors than another similar product that was only rated as IP432. The third digit (mechanical impact) may be omitted. As an example, our Gel Connectors are rated at IP67 (totally protected against dust ingress and withstands immersion up to a depth of 1 metre).

Value First Digit

Value	Protection against ingress of solids
0	No protection
1	Protected against solid objects over 50mm e.g. hands, large tools.
2	Protected against solid objects over 12mm e.g. hands, large tools.
3	Protected against solid objects over 2.5mm. (wire, small tools etc).
4	Protected against solid objects over 1.0mm e.g. wires.
5	Limited protection against dust ingress (no harmful deposit)
6	Totally protected against dust ingress.

Value Second Digit

Value	Protection against ingress of liquids
0	No protection
1	Protected against vertically falling drops of water.
2	Protected against direct sprays of water up to 15° from vertical.
3	Protected against direct sprays of water up to 60° from vertical.
4	Protected against water sprayed from any direction. Limited ingress permitted.
5	Protected against low pressure water jets from any direction. Limited ingress permitted.
6	Protected against high pressure water jets from any direction. Limited ingress permitted.
7	Protected against immersion between 15cm and 1Metre.
8	Protected against long periods of immersion under pressure.

Value Third Digit

Value	Protection against mechanical impact damage
0	No protection
1	Protected against 0.225 joule impact (150g @ 15cm).
2	Protected against 0.375 joule impact (250g @ 15cm).
3	Protected against 0.5 joule impact (250g @ 20cm).
4	
5	Protected against 2.0 joule impact (500g @ 40cm).
6	
7	Protected against 6.0 joule impact (1.5Kg @ 40cm).
8	
9	Protected against 20 joule impact (5Kg @ 40cm).

Terms and Conditions

Catalog Numbers

All items in this catalog have a computer catalog number. Please use this catalog number when ordering to ensure accurate processing and fast dispatch of your order.

Price Lists

Prices are not listed in this catalog. Please contact us if a price list is required. Discounts are available on most products for carton quantities.

Warranties and Repairs

Unless otherwise stated, warranty period is 12 months from invoice date. Please retain invoices as proof of purchase. If service is required within the warranty period, return item to our service division with a copy of the invoice. Warranty does not cover any damage caused by corrosion, liquid spillage, power surges, lightning, leaking batteries, or any deliberate or accidental abuse.

Distributors should check products to confirm problems are not due to operator error. Our minimum service fee will apply to any items found to have no fault.

Returns and Credits

Items returned will not be credited without prior arrangement. To cover restocking overheads, a 10% fee applies.

Damaged Goods

All claims for damaged goods must be reported immediately. Do not open a package if you suspect contents may be damaged. Contact our sales department for advice.

Backorders

Product temporarily out of stock will be automatically placed on backorder and shipped when available. If lead times become excessive or product discontinued, we may offer substitute products of equivalent or higher value. Where substitutes are available at lower prices, we will pass the savings on to you. We reserve the right to vary prices and specifications without notice.

Lightning Damage

Many products such as AC adaptors are vulnerable to severe damage in the event of power surges or lightning strikes. Damaging surges (or 'spikes') can come through either the telephone line or AC mains cord/adaptor. The damage caused is not covered by warranty and is often extensive and costly to repair. We recommend disconnection from telephone line and/or 240V AC mains supply during electrical storms, whenever possible.

Freight

Goods are usually dispatched by overnight road transport. The cost of freight will be added to your invoices. Inward freight must always be paid by the sender. Items repaired under warranty will be returned with freight paid. Under no circumstances will our receiving docks accept consignments if freight cost is charged to receiver. Any such items will be returned to the sender. Overseas orders less than 20kg are usually dispatched by FedEx, unless arranged otherwise.

Liability

The way in which our products are used is completely beyond our control. Therefore, we cannot be held responsible for damage or destruction, consequential or otherwise, of equipment or articles associated with or used in conjunction with our products. Our liability is limited to repair, replacement, or credit (at our option) of purchased product.

Payment Terms and Conditions

Our standard payment terms are payment with order. For your convenience, funds may be direct deposited into our bank account. We also accept most major credit cards. Please remember to add GST and freight costs when posting payment. Credit is only available where prior arrangements exist. Title to goods does not pass to buyer until full payment has been received by Access Communications Pty Ltd.

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