

# ROYCECROSSGROUP

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ELECTRICAL, DATA AND COMMUNICATION EXPERTS

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## DATA CATALOGUE

Cabling, fibre optics and 19" racks

# ABOUT US

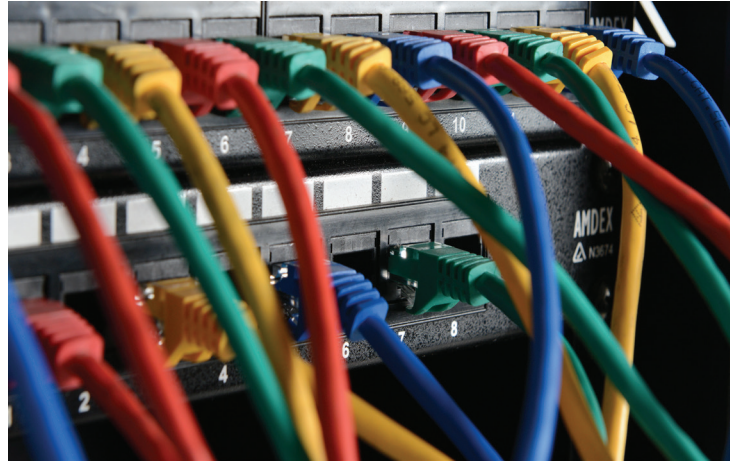
## EXPERTS

AJF Electrical Distributors takes pride in being South Australia's electrical, data and communication experts.

Established more than 40 years ago, AJF specialises in the supply and service of electrical, data and communication products. As part of the Royce Cross Group, AJF and its sister companies Royce Cross Electric Motors and C&A Chains and Accessories can supply product, modifications and service across the electrical and mechanical engineering fields. Royce Cross Electric Motor Group offers a vast range of electric motors and accessories while Chains & Accessories carries an extensive array of chains, sprockets, pulleys, belts, couplings, conveyors, gearboxes and other mechanical engineering parts. This enables the Royce Cross Group to effectively service all industry and applications with a broad range of quality goods.

## EXPERIENCE

The AJF team is trained in its entire product range to ensure customers obtain the best service. AJF also is the authorised service agent for many of its brands.



## PRODUCT RANGE

AJF is the South Australian distributor for:

- ABB** - low-voltage products;
- AFL Global** - fibre optic communication;
- Alloy Computer Products** - enterprise and industrial networking products;
- Amdex** - voice and data structured cabling systems;
- Brady Australia** - safety signs, lockout tagout, first-aid, workplace and facility safety and portable printers and labelling;
- Eaton Crouse-Hinds** - hazardous area electrical equipment and Bussmann fuses;
- HellermannTyton** - cable-care products, RAPIDNET Cat 6, fibre optic systems and plug-and-play systems;
- Lightning Protection International** - direct strike protection, earthing and bonding, powerline protection, telecommunication and data protection;
- Madison Technologies** - cables, connectors and audio visual;
- Netec** - neutral and earth bars, covered links and link taps;
- Rackworld** - 19" racks;
- Riello UPS** - 400VA to 800KVA uninterrupted power supply (UPS);
- Telequip** - telecommunication products;
- Vass** - electrobar busway for data centre rack power distribution and monitoring systems;
- Warren & Brown** - fibre ducting and fibre optic components;
- Wilson & Gilkes** - 19" racks, B and C class racks, metal storage, IT electrical, data enclosures, AV & education products, IT server racks, SCEC racks, workplace and office metal storage.



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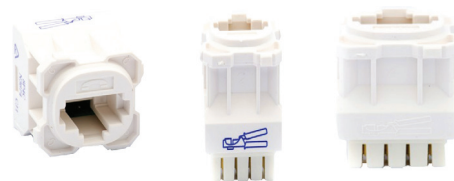
**NOTE:** All AJF products are subject to price changes and specification alterations.

## CAT 3, CAT 5E, CAT 6 & CAT6A SOCKETS

### MODULAR SOCKETS

Part No.	Description	Colour
AD-DT100	RJ45 Cat 3 8P4C media socket	White
AD-DA103	RJ45 Cat 5e 8P8C	White
AD-DA600	RJ45 Cat 6 8P8C	White

All suit Amdex/Clipsal plates.



### SOCKET TOOL

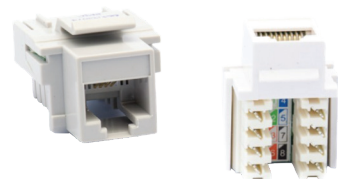
Part No.	Description
AD-SPEEDTOOL	4PR IDC jack hand-held termination tool

Suits Amdex jacks - AD-DT100, AD-DA103 & AD-DA600 sockets.



### KEYSTONE SOCKETS

Part No.	Description	Colour
AD-DT101	Cat 3 8P4C 90-degree dual appearance	White
AD-DA100	RJ45 Cat 5e 8P8C socket	White
AD-DA601	RJ45 Cat 6 8P8C socket	White
AD-DA6A-100	RJ45 Cat 6a socket - 90-degree	
AD-DA6A-101	RJ45 Cat 6a socket - 180-degree shielded	



## 19" PATCH PANELS - VOICE GRADE

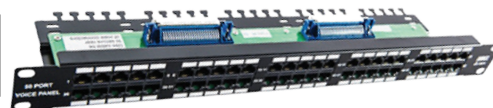
### 50-PORT PATCH PANEL

Part No.	Description	Rack unit
AD-DTP50	50-port 8P4C 1RU patch panel	1RU



### 50-PORT TELCO PATCH PANEL

Part No.	Description
AD-DTP50-AMP	19" 50-port 8P2C with female AMP connector



### 40-PORT BREAKOUT PATCH PANEL

Part No.	Description	Rack unit
AD-DTP40/40	40-port input four-pair RJ45 socket breakout to output 4 x one pair RJ45 sockets	1RU





## 19" PATCH PANELS - CAT 5E, CAT 6 & CAT 6A

### PATCH PANELS

Part No.	Description	Rack unit
AD-DA200	16-port patch panel	1RU
AD-DA212	24-port patch panel	1RU



### CAT 6 PATCH PANELS

Part No.	Description	Rack unit
AD-DA621	16-port patch panel	1RU
AD-DA620	24-port patch panel	1RU

Rear cables support panel included.



### MINI PATCH PANELS

Part No.	Description	Type
AD-DA201	Cat 5e 12-port patch panel	Wall mount
AD-DA623	Cat 6 12-port patch panel	Wall mount

Mini panels are supplied with a wall-mount bracket.



### CAT 6A PATCH PANEL KIT

Part No.	Description
AD-DA6A-24PKIT	Cat 6a 1RU 24-port shielded patch panel kit

Includes AD-DA200-U-E; AD-DA6A-100 (24 pieces) or AD-DA6A-101 (24 pieces).



### UNEQUIPPED 19" PANEL

Part No.	Description	Rack unit
AD-DA200-U-E	24-port unequipped panel	1RU

Earthed for keystone jacks.



## 10" PATCH PANELS AND ENCLOSURES

### BLACK 10" MINI CABINETS

Part No.	Description	Size (width x height x depth)
AD-DA10-CAB-6RU	6RU cabinet	350mm x 335mm x 220mm
AD-DA10-CAB-12RU	9RU cabinet	350mm x 490mm x 220mm

Cabinets have lockable glass doors; accessories not included.



## CAT 5E 10" PATCH PANELS

Part No.	Description	Rack units
AD-DA10-8P-C5E	Eight-port patch panel	1RU
AD-DA10-C12P-C5E	12-port patch panel	1RU



## CAT 6 10" PATCH PANELS

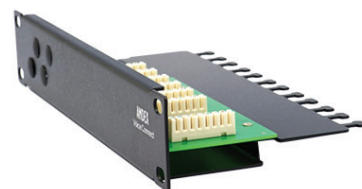
Part No.	Description	Rack units
AD-DA10-8P-C6	Eight-port patch panel	1RU
AD-DA10-12P-C6	12-port patch panel	1RU



## VOICE IDC CONNECT PANEL

Part No.	Description	Rack units
AD-DA10-VC	Four lines voice IDC connect panel	1RU

Up to six extensions for each line. Four 11mm-diameter punch-out holes.



## UNEQUIPPED HEX PANEL

Part No.	Description
AD-DA10-HEX	10-port unequipped hexagonal-style panel

Panel for F, PAL and BNC.



## BLANK PANEL

Part No.	Description	Rack units
AD-DA10-BLANK	10" blank panel to suit mini cabinets	1RU



## 10" CABLE MANAGEMENT PANEL

Part No.	Description
AD-DA10-207	10" cable management panel for mini cabinets



## CAGE NUT KIT

Part No.	Description
AD-DA-CAGE	Cage nut, washer, screw kit





## PATCH LEADS

### CAT 5E PATCH LEADS

Part No.	Description	Colour
AD-PL05/BL	0.5m patch lead	Blue
AD-PL10/BL	1m patch lead	Blue
AD-PL15/BL	1.5m patch lead	Blue
AD-PL20/BL	2m patch lead	Blue
AD-PL30/BL	3m patch lead	Blue
AD-PL50/BL	3m patch lead	Blue
AD-PL100/BL	5m patch lead	Blue



Substitute BL with required colour when ordering: eg, AD-PL05/RD for 0.5m red.



#### Colour options:

Blue: BL  
Green: GN  
Red: RD  
Yellow: YL  
Grey: GY



### CAT 6 PATCH LEADS

Part No.	Description	Colour
AD-PL6-05/BL	0.5m Cat 6 patch lead	Blue
AD-PL6-10/BL	1m Cat 6 patch lead	Blue
AD-PL6-15/BL	1.5m Cat 6 patch lead	Blue
AD-PL6-20/BL	2m Cat 6 patch lead	Blue
AD-PL6-30/BL	3m Cat 6 patch lead	Blue
AD-PL6-50/BL	5m Cat 6 patch lead	Blue
AD-PL6-100/BL	10m Cat 6 patch lead	Blue

Available colours: Blue and yellow. When ordering, substitute BL with YL for yellow patch leads. For example, AD-PL10/YL.



### LAN CABLES

Part No.	Description	Quantity
AD-DACAT5E	Cat 5e 4-pair patch lead	Box of 305m
AD-DACAT6	Cat 6 4-pair UTP cable	Box of 305m
AD-DACAT6A	Cat 6a 4-pair UTP cable	Box of 305m
AD-DACAT6A-STP	Cat 6a 4-pair STP cable	Box of 305m



### CAT 5E & CAT 6 OUTDOOR-RATED COPPER CABLE

Part No.	Description	Type
AC-Y8410001	Cat 5e outdoor UV stabilised solid cable	FTP
AC-Y8485	Cat 5e underground gel-filled solid cable	UTP
AC-Y8486-300	Cat 6 underground gel-filled cable 300m	UTP



## CAT 6A STANDARD PATCH LEADS

Part No.	Description	Length	Colour
AD-PL6A-05BLU	Cat 6a SSTP LSZH patch lead	0.5m	Blue
AD-PL6A-10BLU	Cat 6a SSTP LSZH patch lead	1m	Blue
AD-PL6A-15BLU	Cat 6a SSTP LSZH patch lead	1.5m	Blue
AD-PL6A-20BLU	Cat 6a SSTP LSZH patch lead	2m	Blue
AD-PL6A-30BLU	Cat 6a SSTP LSZH patch lead	3m	Blue
AD-PL6A-50BLU	Cat 6a SSTP LSZH patch lead	5m	Blue
AD-PL6A-100BLU	Cat 6a SSTP LSZH patch lead	10m	Blue



Available in blue, grey and purple.  
Contact AJF Electrical Distributors  
for specific colour leads.

## CAT 6 UNSHIELDED SLIMLINE PATCH LEADS

Part No.	Description	Length	Colour
C6SLIM-0.5M	Cat 6 UTP LSZH patch lead	0.5m	Blue
C6SLIM-1.0M	Cat 6 UTP LSZH patch lead	1m	Blue
C6SLIM-1.5M	Cat 6 UTP LSZH patch lead	1.5m	Blue
C6SLIM-2.0M	Cat 6 UTP LSZH patch lead	2m	Blue
C6SLIM-3.0M	Cat 6 UTP LSZH patch lead	3m	Blue
C6SLIM-5.0M	Cat 6 UTP LSZH patch lead	5m	Blue
C6SLIM-10.0M	Cat 6 UTP LSZH patch lead	10m	Blue



## CAT 6A UNSHIELDED SLIMLINE PATCH LEADS

Part No.	Description	Colour
C6ASLIM-U-0.5M	0.5m Cat 6A UTP LSZH patch lead	Blue
C6ASLIM-U-1.0M	1m Cat 6A UTP LSZH patch lead	Blue
C6ASLIM-U-1.5M	1.5m Cat 6A UTPLSZH patch lead	Blue
C6ASLIM-U-2.0M	2m Cat 6A UTP LSZH patch lead	Blue
C6ASLIM-U-3.0M	3m Cat 6A UTP LSZH patch lead	Blue
C6ASLIM-U-5.0M	5m Cat 6A UTP LSZH patch lead	Blue
C6ASLIM-U-10.0M	10m Cat 6A UTP LSZH patch lead	Blue



## CAT 6A SHIELDED SLIMLINE PATCH LEADS

Part No.	Description	Length	Colour
C6ASLIM-S-0.5M	Cat 6a LSZH patch lead	0.5m	Blue
C6ASLIM-S-1.0M	Cat 6a LSZH patch lead	1m	Blue
C6ASLIM-S-1.5M	Cat 6a LSZH patch lead	1.5m	Blue
C6ASLIM-U-2.0M	Cat 6a LSZH patch lead	2m	Blue
C6ASLIM-U-3.0M	Cat 6a LSZH patch lead	3m	Blue
C6ASLIM-U-5.0M	Cat 6a LSZH patch lead	5m	Blue
C6ASLIM-U-10.0M	Cat 6a LSZH patch lead	10m	Blue





## FLAT CABLE

Part No.	Description	Typical roll size
TE-CORD4	Four-core telephone cables (black & ivory)	100m
TE-CORD6	Six-core telephone cables (black & ivory)	100m
TE-CORD8	Eight-core telephone cables (black & ivory)	100m

Available in black and ivory; rolls sizes can vary.



## JUMPER WIRE

Part No.	Description	Reel size
A510-R+W	Red and white	250m
A510-B+W	Black and white	250m
A510-G+W	Green and white	250m
A510-P+B	Purple and brown	250m



## ETHERNET NETWORK PRODUCTS

### 10" FAST ETHERNET SWITCHES & ACCESSORIES

Part No.	Description
AD-DA10-SW-416	16-port 10/100 fast ethernet switch
AD-DA10-SW-RMK10	Rack-mount ear kit for mini cabinets
AD-DA10-SW-416/GIGB	16-port 10/100/1000 gigabit switch



### ETHERNET FIBRE CONVERTER

Part No.	Description
ALL-AC1000SC	10/100/1000 base-T to 1000 base-SX multi-mode (SC) converter 2km
ALL-AC10000SC.10	10/10/1000 base-T to single mode 1310Nm gigabit fibre (SC) converter 10km



### POWER OVER ETHERNET (POE) SWITCHES

The unmanaged, low-cost Gigabit Ethernet Power over Ethernet (PoE) desktop switches are designed to support small density workgroups where such devices as IP phones require powering from the switch over UTP data cable.

Part No.	Description	Power
ALL-AS1008-P	Eight-port 802.3AT	150 watts
ALL-AS1026-P	24-port 802.3AT, 2 x 1GB SFP ports	250 watts



## GIGABIT SFP MODULES

Part No.	Description	Transmission
ALL-MGBIC-MLC	1000 base SX multi-mode 850Nm	550m
ALL-MGBIC-SLC20	1000 base LX single mode 1310Nm	20km
ALL-MGBIC-T	1000m copper module	100m



## DIN RAIL INDUSTRIAL-RATED NETWORK SWITCHES

Designed for use in demanding industrial environments, the range of DIN rail industrial-rated network switches provide reliability for continual data transmission. To solve your ethernet solution with the best product for your needs, contact the Royce Cross Group team.

Part No.	Description
	DIN rail industrial-rated network switches



## LCD SCREENS, KVM SWITCHES & CABLES

### MODULAR SERIES LCD SCREENS

The 1RU rack-mount LCD monitors support USB and PS2 platforms. Supplied with keyboard and touch mouse pad, the screens are key lockable and have resolution up to 1024 x 768 (XGA). Flexibility in scale is provided with modular KVMs from 8, 16 or 32 port configurations while maintaining a low-profile 1RU display.

#### FEATURES

- Scalable to support up to 144 PC connections
- Supplied as single port; up to 15 different configurations via additional KVM ports
- 17" and 19" sizes
- Single rail or dual rail models available



### DVI LCD SCREEN

Supporting USB platforms, the DVI LCD 1RU rack-mount monitors are supplied with a keyboard and touch mouse pad. The screens are key lockable and have resolution up to 1280 x 1024 (SXGA).





## FLAT PANEL & TOUCH LCD SCREEN

Designed to provide industrial users with high picture quality and state-of-the-art features in a rugged enclosure, the flat LCD screen provides a reliable operation in most harsh environments.

### FEATURES

- On-screen display (OSD) function for LCD
- Front handles for quick installation with 19" rack mounting
- Supplied with DVI, D Sub (SVGA) and USB interface options
- Available in 17" and 19" sizes



## STAND-ALONE & MODULAR KVM SWITCHES

Designed to plug into the back of modular rack-mount LCD monitors, the KVM units support USB and PS2 connections. Their design allows you to upgrade from a single-port console to a multiple port. Use one of a variety of KVM (keyboard, video and mouse) switches to control multiple computers.



Part No.	Description
RKW-KVM-MO8D	Eight-port, modular KVM switch

## KVM SWITCH CABLE

For use with RWS 8 and 16 (combo free) port KVM stand-alone or modular series switches, the USB KVM cable is available in 1.8m, 3m and 5m lengths for extra distances. The system connectors include a VGA HDDB-15 pin and USB male-type connector.



## METERED & NETWORK POWER PANELS

**Metered PDUs:** Available in vertical 14-port and horizontal 19" sizes, the power panels have AS3112 Australian Standard outlets. There are 10 and 15 amp models.

**Horizontal 19" panels:** Boasting surge protection, they are available as five-port PDUs with Australian Standard AS/NZS 3112 outlets and as 19" 15-amp panels.

**InViroMon 20-port vertical network:** Designed to supply power and monitor temperature, humidity, total current, voltage, power consumption and door status (open/close), it has a 2m power cable as well as a C13 and a C19 outlet.



## MASTER UNITS

The InViroMon master unit is designed to be fitted into standard 19" server racks/cabinets. Used with metered PDUs and other InViroMon products, this unit can monitor up to 12 cabinets over one IP address.

### FEATURES

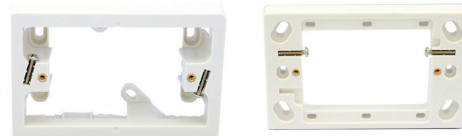
- Ideal for data centres, telecom, finance, electric power, network systems, information processing, SOHO and remote monitoring applications
- Basic configuration: maximum of four metered PDUs, two temperature/humidity sensors, four door sensors, one water sensor and one smoke sensor
- Slave unit, hub unit and such accessories as water, door and smoke sensors and LCD meter also available



## WALL PLATES, WALL BOXES &amp; ACCESSORIES

## MOUNTING BLOCKS

Part No.	Description	
AD-F-BLK1	37mm mounting block	White
AD-F-BLK2	12mm mounting block	White



## WALL PLATES &amp; WALL BOXES

Part No.	Description	Colour
AD-WP-BLANK	Blank wall face plate	White
AD-WP-1	One-gang wall face plate	White
AD-WP-2	Two-gang wall face plate	White
AD-WP-3	Three-gang wall face plate	White
AD-WP-4	Four-gang wall face plate	White
AD-WP-5	Five-gang wall face plate	White
AD-WP-6	Six-gang wall face plate	White
AD-T0168	Blank for Amdex & Clipsal plates	White



## SURFACE-MOUNT WALL BOXES

Part No.	Description	Colour
AD-DA203	One-port surface-mount plate	White
AD-DA205	Two-port surface-mount plate	White
AD-DA209	Four-port surface-mount plate	White
AD-DA208	Six-port surface-mount plate	White
AD-DA210	Eight-port surface-mount plate	White



## SURFACE-MOUNT SHUTTER BOXES

Part No.	Description	Colour
AD-DA203SH	One-port SMB shutter box	White
AD-DA205SH	Two-port SMB shutter box	White



## C CLIP WALL-MOUNTING BRACKET

Part No.	Description	Quantity
AD-F-PBC-50	Plasterboard "C" clip	50-pack



## BLANK KEYSTONE INSERT

Part No.	Description	Quantity
AD-T0123	White blank to suit Keystone-style plates	Each





# TELEPHONE DISTRIBUTION BOXES & FRAMES

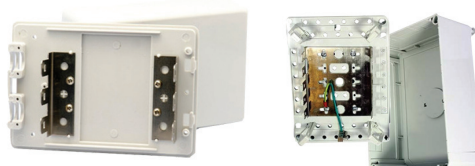
## WALL BOXES WITH DISCONNECT MODULE

Part No.	Description	Colour
AD-F10PB	10-pair box & fixed disconnect module	White
AD-F20PB	20-pair box & two fixed disconnect module	White



## UNLOADED DISTRIBUTION BOXES

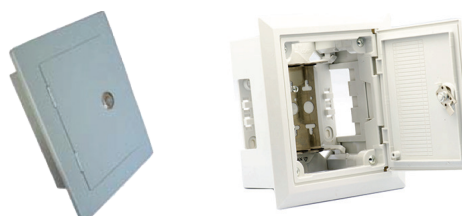
Part No.	Description
AD-F30PB	30-pair box unloaded with snap cover
AD-F50PB	50-pair box unloaded with hinged lockable door



## RECESSED FLUSH-MOUNT BOXES

Part No.	Description
AD-F30RECESS	30-pair box, standard back-mount frame
AD-F50RECESS	50-pair box, standard back-mount frame

The boxes are unloaded and have recessed flush mount.



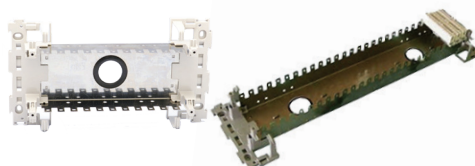
## OUTDOOR IP55-RATED BOXES

Part No.	Description
AD-F30PB-OD	30-pair box, back-mount frame, unloaded, IP55
AD-F100PB-OD	100-pair box, back-mount frame, unloaded, IP55



## BACK-MOUNT DISCONNECT FRAMES

Part No.	Description
AD-F11	11-way back-mount frame
AD-F27	27-way back-mount frame



## PROFIL DISCONNECT FRAMES

Part No.	Description
AD-FP11	11-way frame suits Profil disconnect
AD-FP27	27-way frame suits Profil disconnect



## DISCONNECT FRAME METAL COVERS

Part No.	Description	Material
AD-F11C	11-way cover	Metal
AD-F27C	27-way cover	Metal

Covers suit Profil and back-mount frames.



## RACK-MOUNT RECESSED BACK-MOUNT FRAME

Part No.	Description
AD-F-RB15	15-way 19" rack-mount recessed frame



## DISCONNECT MODULES & RECORD BOOKS

### DISCONNECT MODULES

Part No.	Description
AD-F5PDM	Five-pair; flanged for screw fitting
AD-F10PDM	10-pair; suits back-mount and Profil-style frames



### RECORD BOOKS

Part No.	Description
AD-F-DBR/50	50-pair record card
AD-F-DBR/110	110-pair record book
AD-F-DBR/270	270-pair record book
AD-F-DBR/700	700-pair record book



## UNDERGROUND JOINT DOME ENCLOSURES

### COPPER UNDERGROUND ENCLOSURE

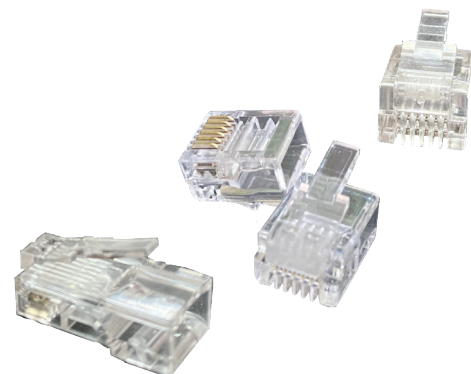
Part No.	Description	Rating
EGE1302	50-pair dome enclosure	IP67/68
EGE1412	100-pair dome enclosure	IP67/68



## PLUGS & CONNECTORS

### RJ MODULAR PLUGS

Part No.	Description
TE-4P4C	4P4C flat stranded cable
TE-6P4C	6P4C flat stranded cable
TE-6P6C	6P6C flat stranded cable
TE-6P6CS	6P6C round solid cable
TE-8P8C	8P8C flat stranded cable
TE-8P8CS	8P8C round solid cable
TE-8P8CR	8P8C round stranded cable



### BUTT SPLICE CONNECTORS

Part No.	Description
AD-F-UY2	Two-way gel-filled butt splice connector
AD-F-UR3	Three-way gel-filled butt splice connector

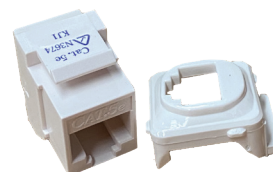


## SPLITTERS & ADAPTORS

### RJ45 THROUGH ADAPTORS

Part No.	Description
AD-DAILKJ/CLIP	Keystone Cat 5e through adaptor
AD-DAILKJC6/CLIP	Keystone Cat 6 through adaptor

Adaptors come with clip to suit Amdex/Clipsal-style plates.



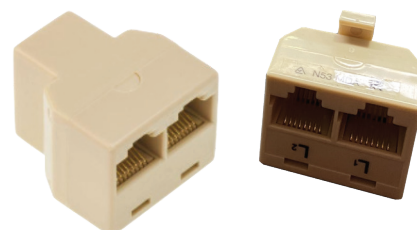
### RJ12 & RJ45 COUPLERS

Part No.	Description
TE-ILC66	RJ12 coupler
TE-ILC88	RJ45 coupler
AD-DAILC	Cat 5e inline coupler



### VOICE-GRADE ADAPTORS

Part No.	Description
TE-MDA66	Modular RJ12 adaptor M/F/F
TE-MDA88	Modular RJ45 adaptor M/F/F
TE-MC66	Modular RJ12 adaptor F/F/F
TE-MC88	Modular RJ45 adaptor F/F/F



### VOICE SPLITTERS

Part No.	Description
TE-MEL0121	One-pair telephone splitter with tail
TE-MEL0122	Two-pair telephone splitter with tail



### DATA & VOICE SPLITTERS WITH TAILS

Part No.	Description	Colour
AD-DASPLIT1	One-way data/data splitter with tail	Black
AD-DASPLIT2	Two-way data/voice splitter with tail	White
AD-DASPLIT4	Four-way, one-pair splitter with tail	White



### SLIM-LINE MOULDED DATA & VOICE SPLITTERS

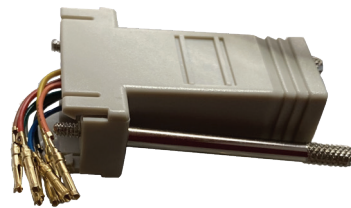
Part No.	Description	Type
TE-NA-C5E-01	MFF data/voice splitter	Slim-line
TE-NA-C5E-12	MFF data/data splitter	Slim-line
TE-NA-C5E-15	MFF voice/voice splitter	Slim-line





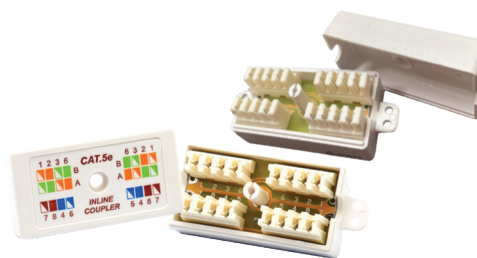
## RJ45 TO DB 9 &amp; 45 ADAPTORS

Part No.	Description	Type
HS-9A8M	RJ45 to DB 9	Male
HS-9A8F	RJ45 to DB 9	Female
HS-25ABM	RJ45 to DB 25	Male
HS-25A8F	RJ45 to DB 25	Female



## INLINE JOINER - CAT 5E &amp; CAT 6

Part No.	Description
AD-DA215	Cat 5E inline joiner - punch down
AD-DA215-C6	Cat 6 inline joiner - punch down



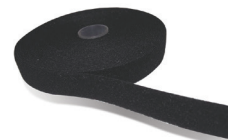
## LINE ISOLATION UNIT (LIU)

Part No.	Description	Extras
TE-LIU-C	Universal line isolation unit	Includes plug



## GRIP CABLE TAPE

Part No.	Description	Length	Width
AD-CGT-10M/12mm	Grip cable tape	10m	12mm
AD-CGT-10M/19mm	Grip cable tape	10m	19mm



## HELLERMANN TYTON CABLE TIES

Part No.	Type	Length	Width
JT18R/W	Black cable ties	100mm	2.5mm
JT30R/W	Black cable ties	152mm	3.5mm
JT50R/W	Black cable ties	202mm	4.7mm
JT50I/W	Black cable ties	301mm	4.8mm
JT50L/W	Black cable ties	383mm	4.8mm

Black UV-rated cable ties; sold in packs of 100



## TELCO LEADS

Part No.	Description
AD-TELCOM-M-10	10m lead r/a 50-way male-male
AD-TELCOM-F-10	10m lead r/a 50-way female-female



## ACCESSORIES

### CABLE MANAGERS

Part No.	Description
AD-DA207	1RU cable manager
AD-DA207/DUCT	1RU cable manager slotted duct - 24 slots
TE-NCMCP13	13-finger with lid, 1RU cable manager
TE-NCMC2M13	13-finger with lid, 2RU
TE-GE-PM03-1	1RU cable manager



## PUBLIC ADDRESS SYSTEM PRODUCTS

### ACCESS TONE RINGER

Part No.	Description	Features
AC-K3507	Tone ringer type A	Volume, pitch controls

Includes an on/off switch and built-in speaker; connects to exchange line via screw terminals or modular socket. Optional: 15-watt horn speaker (buy separately); maximum volume 98dB.



### UNIVERSAL LOUD SOUNDING ALARM - 240 VOLTS

Part No.	Description	Type
AC-K3509	Tone ringer type C	RJ11 sockets

Four selectable alarm tones for each exchange line; all other connections to and from the unit are via screw terminals. Requires horn speaker.



### BLUE STROBE LIGHT

Part No.	Description	Size
AC-K3504BLU	Blue light	60mm



### SPEAKERS

Part No.	Description	Power
AD-PA-SPK1	8 OHM, aluminium	15 watt
AD-PA-SPK4	Wall mount, multi tap	10 watt
AD-PA-SPK7	Line, 70 volt/100 volt	20 watt
AC-K3505	Horn speaker	15 watt



## PA AMPLIFIERS

Part No.	Description	Power
AD-PA-12	Public address amplifier	12 watt
AD-PA-20	Public address amplifier	20 watt
AD-PA-40	Public address amplifier	40 watt
AD-PA-60	Public address amplifier	60 watt
AD-PA-120	Public address amplifier	120 watt
AD-PA-240	Public address amplifier	240 watt



## PHONE CORDS

### CURLY CORDS

Part No.	Colour	Description	Length	Type
TE-CC0001/BK	Black	35mm-35mm	3m	Flat
TE-CC0001/IVY	Ivory	35mm-35mm	3m	Flat
TE-CC0010/BK	Black	45mm-45mm	5m	Flat
TE-CC0019/IVY	Ivory	45mm-45mm	5m	Flat
TE-CC030/WH	White	35mm-35mm	8m	Flat
TE-CC0200/BLK	Black	75mm-260mm	2.5m	Flat
TE-CC0205/GRY	Grey	10mm-55mm	2.5m	Flat



### LINE CORDS

Part No.	Colour	Description	Length	Type
TE-LC0056/BK	Black	Line cord	3m	RJ12-R12
TE-LC0056/IVY	Ivory	Line cord	3m	RJ12-RJ12
TE-LC008LGREY	Light grey	Line cord	3m	R12-RJ45
TE-LC0086/BK	Black	Line cord	3m	RJ12-RJ45





## AUDIO VIDEO PRODUCTS

### F-F CONNECTOR

Part No.	Description
AD-T0169-3GHZ	V3GHz, Foxtel approved



### PAL-F CONNECTOR

Part No.	Description
AD-T0170	PAL-F connector



### BINDING POSTS

Part No.	Description	Colour
AD-AV-POST1	Suits Amdex/Clipsal-style plates	Red
AD-AV-POST2	Suits Amdex/Clipsal-style plates	Black



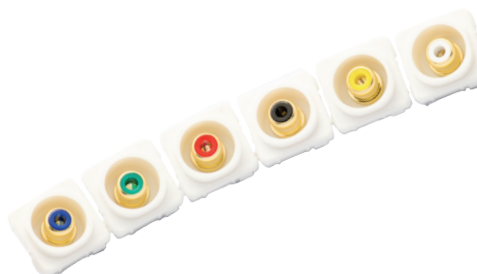
### RCA-RCA INSERTS

Part No.	Description	Colour
AD-AV-RCA/RCA/RED	Suits Amdex/Clipsal-style plates	Red
AD-AV-RCA/RCA/WHIT	Suits Amdex/Clipsal-style plates	White
AD-AV-RCA/RCA/YEL	Suits Amdex/Clipsal-style plates	Yellow
AD-AV-RCA/RCA/BLK	Suits Amdex/Clipsal-style plates	Black
AD-AV-RCA/RCA/BLU	Suits Amdex/Clipsal-style plates	Blue
AD-AV-RCA/RCA/GRN	Suits Amdex/Clipsal-style plates	Green



### RCA SOLDER INSERTS

Part No.	Description	Colour
AD-AV-RCA/SOL/RED	Suits Amdex/Clipsal-style plates	Red
AD-AV-RCA/SOL/WHIT	Suits Amdex/Clipsal-style plates	White
AD-AV-RCA/SOL/YEL	Suits Amdex/Clipsal-style plates	Yellow
AD-AV-RCA/SOL/BLK	Suits Amdex/Clipsal-style plates	Black
AD-AV-RCA/SOL/BLU	Suits Amdex/Clipsal-style plates	Blue
AD-AV-RCA/SOL/GRN	Suits Amdex/Clipsal-style plates	Green



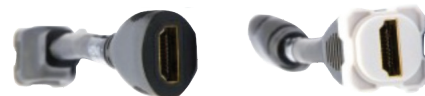
### BLANK PLATE

Part No.	Description
AD-T0169	Used for Amdex and Clipsal plates



## HDMI JOINERS

Part No.	Description
AD-AV-HDMI	HDMI-HDMI 1.4 suits Amdex/Clipsal-style plates



## USB 3.0 JOINERS

Part No.	Description
AD-AV-USB	USB-USB 3 suits Amdex/Clipsal-style plates



## IEC CABLES & EXTENSION CORDS

### IEC EXTENSION CORDS

Part No.	Description	Length
<b>IEC C13 to C14</b>		
ET-C13-C14-0.5M	Extension cord	0.5m
ET-C13-C14-1.0M	Extension cord	1m
ET-C13-C14-1.5M	Extension cord	1.5m
ET-C13-C14-2.0M	Extension cord	2m
ET-C13-C14-3.0M	Extension cord	3m
ET-C13-C14-5.0M	Extension cord	5m
<b>IEC C19 to C140</b>		
ET-C19-C120-0.5M	Extension cord	0.5m
ET-C19-C120-1.0M	Extension cord	1m
ET-C19-C120-1.5M	Extension cord	1.5m
ET-C19-C120-2.0M	Extension cord	2m
ET-C19-C120-3.0M	Extension cord	3m



### THREE-PIN PLUG LEADS

Part No.	Description	
<b>IEC socket lead</b>		
AC-K3746	Plug lead	0.5m
AC-K3748	Plug lead	1m
AC-K3756	Plug lead	1.5m
AC-K3750	Plug lead	2m
AC-K3758	Plug lead	3m
AC-K3757	Plug lead	5m
<b>TO C19 FEMALE (15A)</b>		
ET-C19-3PIN-1.0M	Plug lead	1m
ET-C19-3PIN-2.0M	Plug lead	2m
ET-C19-3PIN-3.0M	Plug lead	3m



## MAIN SOCKET TO IEC C14 CORDS

Part No.	Description
ET-GPO-C14-0.15	Cord length 150mm
ET-GPO-C14-1.5M	Cord length 1500mm



## TESTERS

### PAIR TESTERS

Part No.	Description
AD-T-TEST01	RJ45 LED pair tester



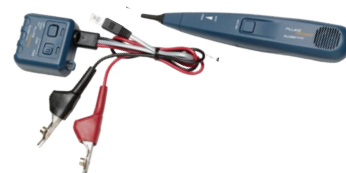
### BUTTINSKI

Part No.	Description
AD-T-TEST08-A	Buttinski - without lead set
FL-TS19	Fluke TS-19 buttinski
AD-TEST09-A	Buttinski lead set



### FLUKE ANALOGUE TONER

Part No.	Description
FL-PRO3000	Fluke analogue toner and probe set



### WIRE TRACER

Part No.	Description
AD-T-TEST04	Wire tracer F set





## TOOLS

### PUNCH DOWN TOOLS

Part No.	Description
AD-T-T001G	Krone blade for AD-T-TOOLB
AD-T-T001B	110 punch down tool and handle
TE-HY-3141A	Krone-type IDC contact punch down tool
AD-T-T001E	110 blade for AD-T-T001B



### CRIMPER TOOLS FOR MODULAR RJ PLUGS

Part No.	Description
AD-T-T200A	RJ11, RJ12 and RJ45 ratchet crimper
TE-HY-376E	RJ12 and RJ45 metal non-ratchet crimper



### CABLE STRIPPER

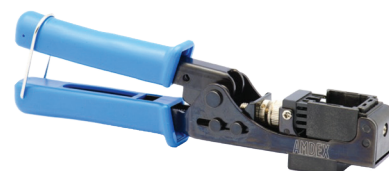
Part No.	Description
AD-T-T030	Universal cable stripper



### TERMINATION TOOL

Part No.	Description
AD-SPEEDTOOL	4-pair IDC jack hand-held termination tool

Suits Amdex jacks only - AD-DT100, AD-DA103 & AD-DA600 sockets.



### COAX CRIMP TOOL

Part No.	Description
AD-T-T002H	F connection tool - Use with RG6, RG11, RG59



### COMPRESSION TOOL

Part No.	Description
AD-F-UY-TOOL	Compression tool - butt splice connection



### COAX STRIPPING TOOLS

Part No.	Description
AD-T-T002F/2	Two blades
AD-T-T002fF/3	Three blades



## COAX F COMPRESSION TOOL

Part No.	Description
AD-T-T002J	Coax F compression tool



## CABLE RODDERS

Part No.	Description	Length	Size
AD-T-T017A	250kg rattle snake cable puller	15m	
AD-T-T017	250kg cable puller	30m	5.5mm
AD-T-T018	500kg cable puller	50m	7mm



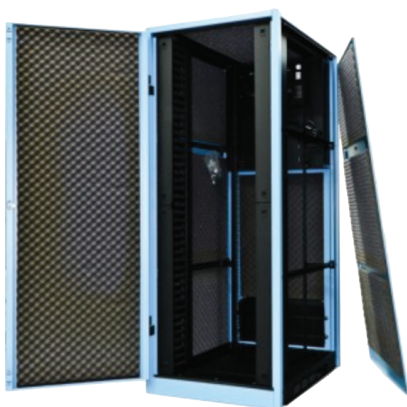
## CABLE ROD KIT

Part No.	Description	Length	Size
AD-T-T032	Push/pull cable rod kit	10m	1m



## 19" RACKS

AJF Electrical Distributors has a rack to suit every application. We specialise in a vast and broad range of Australian-made and imported free-standing 19" racks for the cabling industry. Our offering includes server racks, data centre racks, B and C class SCEC-endorsed racks, secured racks, outdoor IP-rated industrial racks, RFI/EMI racks, audio racks, sound-proof racks and channel racks. Contact our team to learn more - or browse online at [www.roycecrossgroup.com](http://www.roycecrossgroup.com).



19" sound-proof racks



B & C class racks



Wall-mount cabinets

## 007 SERIES RACKS

Tough and resistant are attributes of the 007 Series floor-mount cabinets. Available in heights from 18RU (800mm) to 47RU (2089mm), they are suitable for network communications and security equipment.

### FEATURES

- Earthing via grounding, nuts and bolts built in all doors, side panels, roof and base with cable access via the roof or base
- Two fans in 600mm and four in 800mm racks

Size	Part No.	Height x width x depth
18RU	RWS-007-18606	1010 x 600 x 600mm
	RWS-007-18608	1010 x 600 x 800mm
	RWS-007-18610	1010 x 600 x 1000mm
22RU	RWS-007-22606	1190 x 600 x 600mm
	RWS-007-22608	1190 x 600 x 800mm
	RWS-007-22610	1190 x 600 x 1000mm
27RU	RWS-007-27606	1412 x 600 x 600mm
	RWS-007-27608	1412 x 600 x 800mm
	RWS-007-27610	1412 x 600 x 1000mm
32RU	RWS-007-32606	1630 x 600 x 600mm
	RWS-007-32608	1630 x 600 x 800mm
	RWS-007-32610	1630 x 600 x 1000mm
	RWS-007-32612	1630 x 600 x 1200mm
37RU	RWS-007-37606	1852 x 600 x 600mm
	RWS-007-37608	1852 x 600 x 800mm
	RWS-007-37610	1852 x 600 x 1000mm
42RU	RWS-007-42606	2090 x 600 x 600mm
	RWS-007-42608	2090 x 600 x 800mm
	RWS-007-42610	2090 x 600 x 1000mm
	RWS-007-42612	2090 x 600 x 1200mm
42RU	RWS-007-42806	2090 x 800 x 600mm
	RWS-007-42808	2090 x 800 x 800mm
	RWS-007-42810	2090 x 800 x 1000mm
47RU	RWS-007-47606	2290 x 600 x 600mm
	RWS-007-47608	2290 x 600 x 800mm
	RWS-007-47610	2290 x 600 x 1000mm



### CONTENTS:

- Frame with vented roof, fans with filters and enclosed base
- 19" L-shaped adjustable mounting angles
- Removable side panels with locks
- Front glass and rear metal vented lockable doors - reversible left-hand and right-hand mount
- Horizontal eight-way power panel 10 amps
- Fixed shelves, roof fan tray
- Set of castors with brakes, adjustable levelling feet
- Vertical cable managers front-mount left-hand and right-hand (mounted on 800mm wide rack only; not available on 600mm wide rack)
- Cage nuts and bolts





# 19" WALL FRAMES & ENCLOSURES

## FRAMES

Part No.	Rack units	Description	Colour
AD-BRACKET3/VERT	3RU	Vertical wall-mount frame	Black
AD-BRACKET2	2RU	150mm-deep hinged wall frame	Black
AD-BRACKET4	4RU	150mm-deep hinged wall frame	Black
AD-BRACKET6	6RU	150mm-deep hinged wall frame	Black
AD-BRACKETCOV		Top cover to suit 2, 4, 6 hinged frames	



## WALL-MOUNT ENCLOSURES

### FEATURES

- Welded frame
- Lockable glass door (6RU & 12RU)
- Perforated mesh vent door (18RU)
- Four mounting members
- Detachable side panels
- Front and side vents
- Removable back panel
- Top panel cutout for cable entry

Part No.	Rack units	Description	Colour
<b>6RU</b>			
CAB-06RU-300	6RU	300mm-deep	Black
CAB-06RU-450	6RU	450mm-deep	Black
CAB-06RU-600	6RU	600mm-deep	Black
<b>9RU</b>			
CAB-09RU-450	9RU	450mm-deep	Black
<b>12RU</b>			
CAB-12RU-300	12RU	300mm-deep	Black
CAB-12RU-450	12RU	450mm-deep with rear chassis	Black
CAB-12RU-600	12RU	600mm-deep	Black
<b>18RU</b>			
CAB-18RU-600	18RU	600mm-deep	Black
CAB-18RUH-500	18RU	550mm-deep with rear chassis	Black
<b>22RU</b>			
AJRWS-007WM3-2264BL	22RU	450mm-deep	
AJRWS-007WM3-2266BL	22RU	650mm-deep	



## ENCLOSURES

### POWDER-COATED METAL

Made from continuous lengths of sheet steel that are double folded at the front, Royce Cross Group's enclosures boast a metal body thickness of 1.2mm. Each back panel is welded to the frame while the enclosures are dust and waterproof to IP66. Externally and internally protected with polyester epoxy resin, the enclosures have welded studs on the back panels for direct fixing to mounting plates or other accessories.

Each unit has easily removable hinges, allowing a left or right-hand door opening of more than 120 degrees. Other features include foamed-in polyurethane gaskets and front rain gutters, mounting and gland plates and a lock system. Testing reports are available on request.

Accessories include:

- Louvre plates
- Insulated cable gland plates
- Canopies
- Cubicle suite joining sets
- Reinforced joining parts
- Wall-fixing brackets
- Eye bolts

**ROYCE  
CROSS**  
ELECTRICMOTORGROUP



Part No.	Height x width x depth
ELIPMET2520/150	250mm x 100mm x 150mm
ELIPMET3020/200	300mm x 200mm x 200mm
ELIPMET3030/200	300mm x 300mm x 200mm
ELIPMET3030/250	300mm x 300mm x 250mm
ELIPMET4030/200	400mm x 300mm x 200mm
ELIPMET4030/250	400mm x 300mm x 250mm
ELIPMET5040/250	500mm x 400mm x 250mm
ELIPMET5040/300	500mm x 400mm x 300mm
ELIPMET6040/300	600mm x 400mm x 300mm
ELIPMET6060/300	600mm x 600mm x 300mm
ELIPMET8080/300	800mm x 800mm x 300mm
ELIPMET8080/400	800mm x 800mm x 400mm

Part No.	Height x width x depth
ELIPSS2020/150	200mm x 200mm x 150mm
ELIPSS2520/150	250mm x 200mm x 150mm
ELIPSS3020/200	300mm x 200mm x 200mm
ELIPSS3030/220	300mm x 300mm x 200mm
ELIPSS4030/250	400mm x 300mm x 250mm
ELIPSS4040/250	400mm x 400mm x 250mm
ELIPSS5040/250	500mm x 400mm x 250mm
ELIPSS5040/300	500mm x 400mm x 300mm
ELIPSS6040/250	600mm x 400mm x 250mm
ELIPSS6040/300	600mm x 400mm x 300mm
ELIPSS6060/300	600mm x 600mm x 400mm
ELIPSS7050/300	700mm x 850mm x 300mm
ELIPSS8060/300	800mm x 600mm x 300mm
ELIPSS8080/300	800mm x 800mm x 300mm
ELIPSS1212/400	1200mm x 1200mm x 400mm
ELIPSS1010/400	1000mm x 1000mm x 400mm

### STAINLESS STEEL

Boasting monoblock watertight AISI316 stainless steel and Scotch brite (AST)-type mechanical polish, Royce Cross Group's enclosures include mounting and gland plates, stainless-steel nuts, screws, hinge pins and lock levers.

They are suitable for corrosive and hygienic environments as well as being dust and waterproof resistant to IP66.



## RIELLO UPS

### iDIALOG UPS 400-1600VA LINE INTERACTIVE - IDG

#### FEATURES

- Compact
- Silent
- Contemporary design
- Auto restart
- Advanced communication
- ECO line environmental protection
- Very low energy consumption



Part No.	Description	Power
RI-IDG400	400VA	240 watts
RI-IDG600	600VA	360 watts
RI-IDG800	800VA	480 watts
RI-IDG1200	1200VA	720 watts
RI-IDG1800	1600VA	960 watts

### iDIALOG VISION 500-3000VA LINE INTERACTIVE (VST)

#### FEATURES

- Superior protection
- High availability
- Versatility
- LCD display
- Advanced communication
- Automatic voltage regulator
- Rack mountable



Part No.	Description	Power
RIDVR800	800VA	640 watts
RIDVR1100	600VA	880 watts
RIDVR1500	800VA	1200 watts
RIDVR2000	1200VA	1600 watts

### VISION DUAL (VSD)

#### FEATURES

- High power function 0,9
- Automatic voltage regulation (AVR)
- Flexibility of installation
- Sine wave
- Communication slot
- Expandability of autonomy

Part No.	Description	Power	Dimensions
RIVSD1100	1100VA	990 watts	87 x 450 x 425mm
RIVSD1500	1500VA	1350 watts	87 x 450 x 425mm
RIVSD2200	2200VA	1980 watts	87 x 450 x 625mm
RIVSD2200ER	2200VA	1760 watts	87 x 450 x 625mm
RSVSD3000	3000VA	2700 watts	87 x 450 x 625mm
RSVSD3000ER	3000VA	2400 watts	87 x 450 x 625mm





## SENTINEL PRO - 700-3000VA DOUBLE CONVERSION

## FEATURES

Part of the Riello ECO line of UPS, the Sentinel Pro boasts reliability, protection for critical servers, voice and data processing IT systems, built-in mimic panel with LCD to show input/output voltages, microprocessor-controlled inverter, USB communication ports with expansion slot for additional adapters, protocol converters and related contact cards.

- Operating flexibility
- Emergency function
- Run-time expandability (ER types only)
- Reduced noise
- Online (VF)
- Battery optimisation



Part No.	Description	Power	Dimensions
RISEP700	700VA	560 watts	158 x 422 x 235mm
RISEP1000	1000VA	800 watts	158 x 422 x 235mm
RISEP1000ER	1000ER	800 watts	158 x 422 x 235mm
RISEP1500	1500VA	1200 watts	158 x 422 x 235mm
RISEP2200	2200VA	1750 watts	190 x 446 x 333mm
RISEP2200ER	2200VA	1750 watts	190 x 446 x 333mm
RISEP3000	3000VA	2400 watts	190 x 446 x 333mm
RISEP3000ER	3000VA	2400 watts	190 x 446 x 333mm

## NET POWER UPS (NPW)

## FEATURES

- Automatic voltage regulation (AVR)
- Advanced communications
- Automatic battery test



## VISION RACK (VSR)

## FEATURES

- Automatic voltage regulation (AVR)
- LCD display
- Sine wave
- Cold start function
- Communication slot



## SENTINEL DUAL LP (SDH)

## FEATURES

- High power factor 0,9
- Maximum protection
- Communication slot
- ER versions for extended autonomy
- Flexibility of installation
- Sine wave



**BACK-UP TIMETABLE:** The back-up time values in the table on page 29 are indicative and may be subject to change. Please refer to the Royce Cross Group experts to identify the most suitable UPS for the type of application.

## UPS BACK-UP TIME TABLE (in minutes)

		LOAD [W]								
		100	200	300	400	500	750	1000	1250	1500
IDG	IDG400	24	9							
	IDG/IDR 600	24	9	6						
	IDG 800	32	14	8						
	IDG/IDR 1200	35	16	10	7					
	IDG 1600	60	35	16	10	7				
NPW	NPW 600	24	9							
	NPW 800	34	16	10						
	NPW 1000	34	16	10	8					
	NPW 1500	40	20	15	9					
	NPW 2000	60	34	15	8					
VST	VST 800	61	29	16	12					
	VST 1100	90	40	21	15					
	VST 1500	163	82	46	30	13	8,5			
	VST 2200	168	83	52	42	16	11	7		
VSR	VSR 800	50	25	16						
	VSR 1100	66	32	20	11					
VSD	VSD 1100	66	32	20	13					
	VSD 1500	110	50	35	20	12				
	VSD 2200	145	75	50	30	18	13			
	VSD 2200 + BB72 A3	250	160	110	65	45	30			
	VSD 2200 + BB72 M1	380	235	180	115	70	56			
	VSD 3000	145	75	50	30	18	13			
	VSD 3000 + BB72 A3	240	160	110	75	55	38	30		
	VSD 3000 + BB72 M1	350	240	175	110	75	60	42		
SDH	SDH 1000	58	33	20						
	SDH 1000 + BB36 A3	140	74	50						
	SDH 1000 + BB36 M1	220	120	80						
	SDH 1500	75	40	27	15					
	SDH 2200	95	55	40	25	16				
	SDH 2200 + BB72 A3	210	140	95	55	35				
	SDH 2200 + BB72 M1	365	220	160	95	60				
	SDH 3000	110	70	50	30	20	16			
	SDH 3000 + BB72 A3	220	140	100	65	42	30			
	SDH 3000 + BB72 M1	330	220	160	100	65	50			
Versioni ER										
	SDH 2200 ER + BB72 M1	249	169	122	82	52	37	27	21	
	SDH 3000 ER + BB72 M1	206	148	112	74	50	35	26	20	

## PORTABLE PRINTERS

The range of “on-the-go” portable label printers from Brady are perfect for electrical contractors, safety officers, warehouse managers, lab assistants and many other applications to identify and label on demand.

### BMP21-PLUS LABEL PRINTER

#### FEATURES

BMP21 portable label printers take on the toughest labelling jobs in server rooms, servicing breaker boxes and organising workplaces. With smart automatic formatting, they are easy to use: drop in a label cartridge, type, print and cut label.

- Smart automatic formatting
- Applications: Wire makers, cable flags, all-purpose vinyl, self-laminating

Part No.	Description
139535	Tough unit; prints wire makers, cable flags, all-purpose vinyl labels



### BMP41 LABEL PRINTER

#### FEATURES

A rugged, portable solution, the BMP41 label printer provides versatility to create the desired length or already-sized die-cut and continuous labels. It is designed for easier and faster labelling.

- Quick cartridge loading with matched ribbon
- Prints labels at 33mm a second
- Drop-tested to ensure it can withstand any environment
- Applications: Wire and cable ID, data communications and audio/visual labelling, electrical ID, panel ID, product ID, facility ID, safety and maintenance and general ID

Part No.	Description
876182	Rugged, portable printer ideal for data and communication use



### BMP71 LABEL PRINTER

#### FEATURES

A portable unit with a variety of features, label materials and design options, Brady's BMP71 printer assists in making labels faster with a print speed of 38mm a second. It is the perfect solution for such applications as workplace safety labels, wire and cable markers, patch panel labels, die-cut labels, flags, tags, arc flash labels, visual workplace labels, barcode labels, equipment ID, labels for bins, racks and shelves, 5S labels, facility identification and more.

- Built-in label design wizards
- Storage space for more than 100,000 label files
- A large, colour graphical screen to preview your label
- Applications: Cable and wire printing solution for the telecom/datacom and electrical markets

Part No.	Description
115158	Portable printer with more than 400 different label options





## BMP21-PLUS LABELS

Labels for use with the BMP21-PLUS printer are made from Brady's B-423 material. Applications for B-423 thermal transfer glossy polyester labels include electronic PCB and component identification, bar code label and rating plates and solar panel identification. The labels are SA Power Network compliant.

### GENERAL ID LABELS

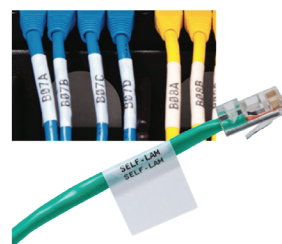
Part No.	Reference	Width	Length	Colour
<b>B-423 polyester</b>				
139754*	M21-250-423	6.35mm	6.4m	Black on white
110896	M21-375-423	9.53mm	6.4m	Black on white
110897	M21-500-423	12.7mm	6.4m	Black on white
110898	M21-750-423	19.05mm	6.4m	Black on white



\* Cartridge available only with BMP21-Plus printer.

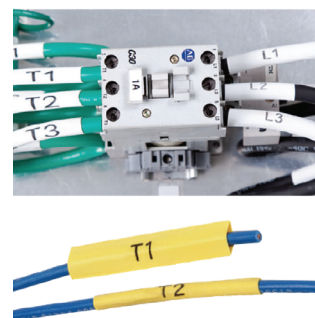
### SELF-LAMINATING WIRE & CABLE ID

Part No.	Reference	Label size	Length	Max wire OD	Colour
<b>B-427 vinyl</b>					
110927	M21-750-427	9.53mm	4.27m	4mm	Black on white
110928	M21-1000-427	9.53mm	4.27m	5mm	Black on white
110929	M21-1250-427	12.7mm	4.27m	7mm	Black on white
110930	M21-1500-427	12.7mm	4.27m	8mm	Black on white



### PERMA-SLEEVE HEATSHRINK SLEEVES 3:1 RATIO

Part No.	Reference	Length	Max wire OD	Colour
<b>B-342 polyolefin</b>				
110923	M21-125-C-342	2.13m	3.2mm	Black on white
110924	M21-187-C-342	2.13m	4.8mm	Black on white
110925	M21-250-C-342	2.13m	6.4mm	Black on white
110926	M21-375-C-342	2.13m	9.5mm	Black on white
139750	M21-125-C-342-YL	2.13m	3.2mm	Black on yellow
139751	M21-187-C-342-YL	2.13m	4.8mm	Black on yellow
139752	M21-250-C-342-YL	2.13m	6.4mm	Black on yellow
139753	M21-375-C-342-YL	2.13m	9.5mm	Black on yellow



\* Not compatible with the ID PAL™ printer.

## SELF-LAMINATING WIRE &amp; CABLE WRAPS

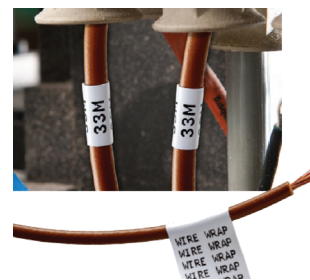
Part No.	Reference	Width	Length	Colour
<b>B-499 nylon cloth</b>				
110893	M21-375-499	9.53mm	4.88m	Black on white
110894	M21-500-499	12.7mm	4.88m	Black on white
110895	M21-750-499	19.05mm	4.88m	Black on white

Printer compatibility: BMP21-LAB, BMP21, ID PAL, LAB PAL.

Part No.	Reference	Label width	Length	Colour
<b>B-595 vinyl - indoor/outdoor - eight to 10 years' durability</b>				
139744*	M21-250-595-WT	6.35mm	6.4m	Black on white
142800	M21-375-595-WT	9.53mm	6.4m	Black on white
142807	M21-500-595-WT	12.7mm	6.4m	Black on white
142803	M21-375-580-YL	9.53mm	6.4m	Black on yellow
142806	M21-375-595-BL	9.53mm	6.4m	White on blue
142802	M21-375-595-GN	9.53mm	6.4m	White on green

Other sizes and colours available.

\* Cartridge is only available with BMP21-Plus printer.



## BMP41 LABELS

## FEATURES

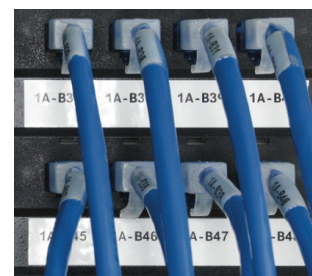
Ideal for many data and communication applications.

## PATCH PANEL, PUNCH BLOCK, DESI STRIP, FACEPLATE LABELS

Create formatted serialised punch labels to fit your equipment or label your ports, jacks and outlets with adhesive labels or slide-in strips. Durable materials with permanent adhesive. Available in a variety of sizes and colours for marking racks and voice/data hardware.

Part No.	Reference	Width	Length	Type
<b>B-422 polyester labels - black on white</b>				
143239	MC-375-422	9.5mm	7.6m	Continuous roll
143240	MC-475-422	12.1mm	7.6m	Continuous roll

Part No.	Reference	Size	Length	Colour
<b>B-412 non-adhesive polypropylene</b>				
143235	MC-375-412	9.5mm	6.1mm	Black on white
143236	MC-475-412	12.1mm	6.1mm	Black on white
143237	MC-625-415	15.8mm	6.1mm	Black on white



## BMP71 RIBBON & LABELS

The BMP71 sign and label printer can produce hundreds of different labels, tapes, tags and materials.

### HIGH-DENSITY RIBBON

The 6000-series high-density ribbon features resistance to solvent, high heat and scratching. Its applications include maintenance and repair, computers and portable devices.

Part No.	Reference	Material	Width	Length	Colour
<b>Polyester label</b>					
114547	M71-R6000	R6000 halogen free	50.8mm	45.72m	Black
114548	M71-R4300	R4300	50.8mm	45.72m	Black
114549	M71-R6200	R6200	50.8mm	45.72m	Black
114550	M71-R4400-WT	R4400-WT	50.8mm	45.72m	White



### DURASLEEVE WIRE MARKING INSERTS

Part No.	Reference	Length	Width	Colour	Box quantity
<b>B-390 polypropylene</b>					
872146	M71DS-15-390	15mm	4mm	White	300
872147	M71DS-30-390	30mm	4mm	White	300
872148	BM71DS-15-390	15mm	4mm	White	3000
872149	BM71DS-30-390	30mm	4mm	White	3000



### DURASLEEVE WIRE MARKING CARRIERS

Part No.	Reference	Length	Wire OD	Colour	Pack
<b>B-390 polypropylene</b>					
13255	DMC-1.3/3-15	15mm	1.3-3mm	Clear	1000
13256	DMC-2.5/5-15	15mm	2.5-5mm	Clear	1000
13258	DMC-4/10-15	15mm	4-10mm	Clear	500
13259	DMC-8/16-15	15mm	8-16mm	Clear	500
13262	DMC-1.3/3-30	30mm	1.3-3mm	Clear	500
13263	DMC-2.5/5-30	30mm	2.5-5mm	Clear	500
13265	DMC-4/10-30	30mm	4-10mm	Clear	200
13266	DMC-8/16-30	30mm	8-16mm	Clear	200





# FIBRE OPTIC ENCLOSURES

## FEATURES

AJF Electrical Distributors supplies quality units made by AFL, which specialises in fibre optic enclosures to suit all environments. The range comprises 19" rack mounting, wall mounting, defence style, IP rated for outside plant environments, industrial uses and for underground terminations. The enclosures accommodate all types of installations, including fusion splicing, direct terminations, pre-terminated cables, MTP connectivity and pre-terminated copper cabling. They can be packaged as a kit to include pigtails, cassettes, couplers, cable management trays and much more.

## 1RU TWO-PANEL FIXED ENCLOSURE

Well suited for fusion splicing, direct termination and pre-terminated riser cables, the basic fixed enclosure is simple but versatile.

Part No.	Description	Rack unit
FRE-1RU-MOD-F	Two-panel modular fixed enclosure	1RU



## MODULAR SLIDING ENCLOSURES

Ideal for a variety of applications, including fusion splicing, direct termination and pre-terminated riser cables, the sliding enclosure is easily accessible.

Part No.	Description	Rack unit
FRE-1RU-MOD-S	Two-panel modular sliding enclosure	1RU
FRE-2RU-MOD-S	Four-panel modular sliding enclosure	2RU
FRE-3RU-MOD-S	Eight-panel modular sliding enclosure	3RU



## WINGBACK ENCLOSURES

The enclosures feature rear cable entry specifically designed to manage MTP/MPO or pre-terminated (trunk) cable systems. It is ideal for patching and direct termination in data centre or SAN environments. The storage tray can be used for housing extra slack of patchcords via front and rear opening.

Part No.	Description	Rack unit
FRE-1RU-MOD-WB	Two-panel wing-back enclosure	1RU
FRE-2RU-MOD-WB	Four-panel wing-back enclosure	2RU
FRE-3RU-MOD-WB	Eight-panel wing-back enclosure	3RU



## SLIDING STORAGE TRAY

The storage tray can be used for housing an extra stack of patchcords via front and rear openings.

Part No.	Description	Rack unit
FWE-1RU-STO	Sliding storage tray	1RU



## STATIC SLIDING ENCLOSURES

The enclosure features a static frame with a sliding tray and internal fibre radius management system to protect incoming fibres and fibre tubes from kinking and jamming with tray movement. It is designed for applications where rear cable movement is problematic. It is suitable for fusion splicing and direct termination.

Part No.	Description
FRE-1RU-MOD-SS2	1RU static sliding enclosure
FRE-2RU-MOD-SS2	2RU static sliding enclosure
FRE-3RU-MOD-SS2	3RU static sliding enclosure



## FRONT-MOUNT CABLE TRAY

Cable trays are designed to make it easy to manage and identify patchcords within a data rack. They are 1RU in size and can be mounted to the front of any FRE enclosure or directly to 19" rails.

Part No.	Description	Rack unit
FRE-1RU-CTRAY	Front-mount cable tray with ID	1RU



## WALL-MOUNT ENCLOSURE

The small DIN rail mounted enclosure accepts one modular panel, making it ideal for smaller fibre count applications of up to 24 fibres. The unit does not include accessories.

Part No.	Description	Dimensions
FWE-MOD-SM	1 panel small wall enclosure	180 x 45 x 205mm (incl. mount)



## MODULAR WALL-MOUNT ENCLOSURES

Suitable for direct termination, fusion splicing or MTP applications using modular cassettes. Dual compartments comprise a left termination compartment and a right-hand patching compartment - each lockable to avoid unauthorised entry.

Part No.	Description	Dimensions
FWE-MOD-12-C	Two panel	310 x 90 x 250mm
FWE-MOD-24-C	Four panel	410 x 90 x 330mm
FWE-MOD-36	Six panel	490 x 95 x 490mm



## INTERNAL SPLICING WALL ENCLOSURE

The FWE internal splicing wall enclosure is a simple, compact unit ideal for splicing fibre optic cables of up to 96 fibres. It features one lockable splicing compartment and several openings on top and bottom for incoming and outgoing cables.

Part No.	Description	Dimensions
FWE-SPLICE	Single door	290 x 115 x 330mm



## OUTDOOR WALL ENCLOSURES - IP66 RATED

The enclosures are designed for splicing or directly terminating fibre optic cables in industrial applications where you need to prevent moisture and dust. They are IP66 rated and ideal for use with loose tube and riser cables or for housing transmission equipment.

Part No.	Description	Dimensions
FHE-MOD-2PNL	Two-panel	200 x 310 x 120mm
FHE-MOD-2PNL-SS	Two-panel stainless steel	200 x 310 x 155mm
FHE-MOD-8PNL	Eight-panel	380 x 380 x 210mm



## COMPACT WALL TERMINATION BOX

The GP-X four-fibre compact termination box is designed for use in residential and business applications for the termination of up to four fibres. The unit can be installed quickly within an office, house or communication room environment.

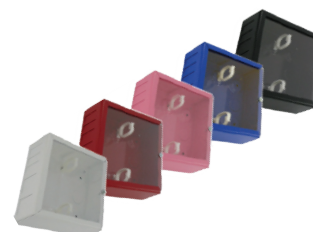
Part No.	Description
FWE-2SCD-GPX	Four-fibre compact wall termination box
FWE-2SC-001	Two-fibre compact wall termination box



## DEFENCE MINI WALL-MOUNT ENCLOSURES

The defence mini enclosures are suitable for direct termination of riser fibre cable and UTP copper cable, remote cable terminations within buildings and defence requirements for identifying tampering or accidental fibre disconnections.

Part No.	Port options	Dimensions	Weight
FWE-MS3SCDK2RJK	3 x SCD/3 x LC quad; 2 x RJ45	150 x 43.6 x 50	0.72kg
FWE-MS8SCDK2RJK	8 x SCD/8 x LC quad; 2 x RJ45	280 x 43.6 x 150	1.22kg





## DIN-RAIL FIBRE OPTIC WALL MOUNT ENCLOSURES

Modular external apertures to suit AFL flat or angled panels for various connector types and densities. Features include:

- Side panels that accommodate AFL's modular MTP cassettes
- Lockable splicing compartments for restricted entry
- Internal fibre clips for managing incoming cables and fibre pigtails
- Top, bottom and left-hand cable entry points for ceiling or floor access
- Modular front right-hand panel plate to suit front or side patching; patch plate included
- Side and rear DIN rail mountable for easy and fast installations

### MODULAR DIN-RAIL ENCLOSURES

- Modular external apertures to suit AFL flat or angled panels for various connector types and densities
- Side panels can accommodate modular MTP cassettes
- Lockable splicing compartment for restricted entry
- Internal fibre clips for managing incoming cables and fibre pigtails
- Top, bottom and left-hand side cable entry points for ceiling or floor access
- Modular front right-hand side patch plate to suit front or side patching
- Patch plate included



Part No.	Description	Dimensions
FWE-MOD-12-M-C	Two-panel mini modular wall enclosure	205 x 80 x 250mm

### DIN RAIL CLIP

Part No.	Description
DINRAIL-CLIP48	Din rail clip suits FWE-MOD-12-M-C



### SPLICE CASSETTE KITS

Part No.	Dimensions
SPLCASS-SSH-HD-6/12K	With combs for up to 12 splices
SPLCASS-SSH-HD-12/24K	With combs for up to 24 splices
SPLCASS-SSH-HD-18/36K	With combs for up to 36 splices
SPLCASS-SSH-HD-24/48K	With combs for up to 48 splices



### MINI DIN RAIL MOUNTED ENCLOSURES

The mini DIN rail-mounted enclosure's compact design is ideal for installation into densely populated industrial cabinets. Contact AJF for other size options.

Part No.	Description	Dimensions
FDE-12SC-S	12F, SC S/M enclosure	54.5 x 155 x 113mm

Refer to list of coupler panels on page 39.



## UNDERGROUND FIBRE OPTIC ENCLOSURES

Dome enclosures include splice cassettes for fusion splicing. They provide easy access without the need for special tooling. Features include:

- Lockable clamp to prevent unauthorised entry
- Can be pole and wall mounted
- IP67 and IP68 rated
- Supplied fully loaded



### DOMES ENCLOSURES

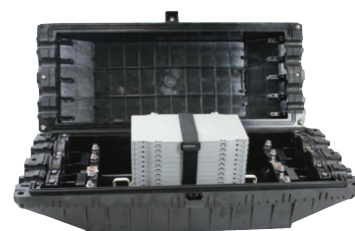
Part No.	Description	Protection rating
EGE1401	12-fibre enclosure	IP67/68
EGE1402	24-fibre enclosure	IP67/68
EGE1502	36-fibre enclosure	IP67/68
EGE1503	48-fibre enclosure	IP67/68



### INLINE UNDERGROUND FIBRE ENCLOSURES


















In-line underground fibre enclosures are a quick and effective way to join or repair fibre cables in such harsh environments as underground pits or aerial applications. They are well-suited for catenary applications with optional support brackets. All cable entry and exit ports are sealed and accessed as required.

Part No.	Description	Protection rating	Dimensions
FSE-SMD-48F	48 splices	IP68	396 x 190 x 126mm








## COUPLER PANELS

### SC, SC DUPLEX, ST, FC & LC COUPLER PANELS

Part No.	Description	
FRE-BLANK	Blank panel	
FRE-BLANK-SML	Small blank panel	
FRE-SC06H-FL1/6	SC/LCD 6-port panel 1-6HP flat	
FRE-SC06H-AL1/6	SC/LCD 6-port panel 1-6HP angle left	
FRE-SC06H-AR1/6	SC/LCD 6-port panel 1-6HP angle right	
FRE-SC12D-FL1/12	SC/LCD 12-port panel 1-12DP flat	
FRE-SC12D-FL13/24	SC/LCD 12-port panel 13-24DP flat	
FRE-SC12H-AL1/12	SC/LCD 12-port panel 1-12HP angle left	
FRE-SC12H-AR1/12	SC/LCD 12-port panel 1-12HP angle right	
FRE-SC12V-AL1/12	SC/LCD 12-port panel 1-12VP angle left	
FRE-SC12V-AR13-24	SC/LD 12-port panel 13-24VP angle right	
FRE-SCD03H-FL1/6-C	SC duplex three-port panel 1-6HP flat	
FRE-SCD03H-AL1/6	SC duplex three-port panel 1-6HP angle left	
FRE-SCD03H-AR-1/6	SC duplex three-port panel 1-6HP angle right	
FRE-SCD06D-FL1/12-C	SC duplex six-port panel 1-12DP flat	
FRE-SCD06H-AL1/12	SC duplex six-port panel 1-12HP angle left	
FRE-SCD06H-AR1/12	SC duplex six-port panel 1-12HP angle right	



## SC, SC DUPLEX, ST, FC & LC COUPLER PANELS

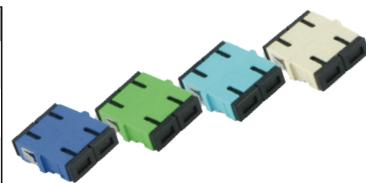
Part No.	Description	Dimensions
FRE-ST06H-FL1/6-C	ST/FC 6P panel 1-6HP flat	
FRE-ST06H-AL1/6	ST/FC 6P panel 1-6HP angle left	
FRE-ST06H-AR1/6	ST/FC 6P panel 1-6HP angle right	
FRE-ST12D-FL1/12-C	ST/FC 12P panel 1-12DP flat	
FRE-ST12D-FL13/24	ST/FC 12P panel 13-24DP flat	

## SC, SC DUPLEX, ST, FC & LC COUPLERS

Also known as couplers, AFL's range of fibre optic through adaptors provide a high-performance interface for fibre optic networks. Through adaptors are used in all fibre optic communication applications including enterprise, telecommunications, industrial and infrastructure. They are suited for use with AFL's range of fibre optic patch leads, fibre optic pre-terminated multi-fibre assemblies, fibre optic pigtailed, FRE, FWE and industrial enclosures. AFL through adaptors are suited for multi-environment patching scenarios where network performance, interoperability and long-term stability are critical.

### SC DUPLEX COUPLERS

Part No.	Description	Colour
SCD1C-BU-CC-RDF	SC SM OS1 duplex adaptor	Blue
SCAD1C-GN-CC-RDF	SCA SM OS1 duplex adaptor	Green
SCD3M-AQ-CC-RDF	SC MM OM3 duplex adaptor	Aqua
SCD6M-BE-CC-RDF	SC MM OM1 duplex adaptor	Beige



### SC SIMPLEX COUPLERS

Part No.	Description	Colour
SC1C-BU-CC-RDF	SC SM OS1 simplex adaptor	Blue
SCA1C-GN-CC-RDF	SCA SM OS1 simplex adaptor	Green
SC3C-AQ-CC-RDF	SC MM OM3 simplex adaptor	Aqua
SC6M-BE-CC-RDF	SC MM OM1 simplex adaptor	Beige



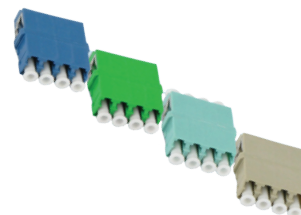
## LC DUPLEX COUPLERS

Part No.	Description	Colour
LCD1C-BU-CC-RDF	LC SM OS1 duplex adaptor	Blue
LCD3C-AQ-CC-RDF	LC MM OM3 duplex adaptor	Aqua
LCD6M-BE-CC-RDF	LC MM OM1 duplex adaptor	Beige



## LC QUAD COUPLERS

Part No.	Description	Colour
LCQ1C-BU-CC-RDF	LC SM OS1 quad adaptor	Blue
LCQ3C-AQ-CC-RDF	LC MM OM3 quad adaptor	Aqua
LCQ6C-BE-CC-RDF	LC MM OM1 quad adaptor	Beige



## FC COUPLERS

Part No.	Description
FC1C-ML-CC-DDH	FC SM OSI simplex adaptor
FCA1C-ML-SN-DDH	FCA SM OSI simplex adaptor



## ST COUPLERS

Part No.	Description
ST6C-ML-CC-DDH	ST MM simplex adaptor
ST1C-ML-CC-DDH	ST SM simplex adaptor



## PRE-POLISHED CONNECTORS

The range of Fujikura's FAST (Field Assembly with Simple Technique) connectors allow a fibre to be terminated in less than a minute. The FAST connector is a pre-polished connector using mechanical clamping and aligning of a cleaved fibre end which is inserted into the connector body. They are available in single and multi modes (OM1, OM2 and OM3 10gig) and a variety of connector types. They can be terminated to 250µm and 900µm coated fibre as well as a 2mm and 3mm jacketed cord. SC, LC and ST FAST connectors only need basic fibre preparation tooling and a fibre cleaver.



### ST FAST CONNECTORS

Part No.	Description	Type
ST1C-FS-1BK	ST SM 9µm	1mm black boot
ST3C-FS-1BK	ST 50µm OM3	1mm black boot
ST6C-FS-1BK	ST 62.5µm OM1	1mm black boot



### SC FAST CONNECTORS

Part No.	Description	Type
SC1C-FS-1BK	SC SM 9µm	1mm black boot
SC3C-FS-1BK	SC 50µm OM3	1mm black boot
SC6C-FS-1BK	SC 62.5µm OM1	1mm black boot



### LC FAST CONNECTORS

Part No.	Description	Type
LC6C-FS-1BK	LC 50µm OM1	1mm black boot
LC3C-FS-1BK	LC 50µm OM3	1mm black boot



### FAST CONNECTOR TERMINATION KIT

Containing all the tooling needed to prepare the fibre optic cable for termination with the range of Fujikura FAST connectors, the kit allows termination of 250µm and 900µm coated fibres using the PC range of FAST connectors.

Part No.	Description	Type
AFCKIT-FASTTERM-MM	Multi-mode	250/900µm
AFCKIT-FASTTERM-MM/SM	Multi-mode/single mode	250/900µm



### ONE-CLICK CONNECTOR CLEANERS

Designed to effectively and quickly clean connector and faces, the unit offers more than 500 cleans.

Part No.	Description	Type
FUJ1CC-SC/SC/FC/ST	SC/FC/ST cleaner	2.5mm
FUJ1CC-LC/MU	LC/MU cleaner	1.25mm



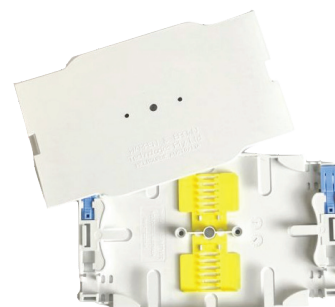


## CASSETTE KITS

## STACKABLE SPLICE COMB KITS - AFC

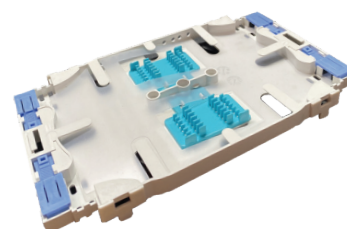
Part No.	Description
<b>Large</b>	
SPLCASS-LSH-HD-12/24K	Kit with HD comb for up to 24 splices
SPLCASS-LSH-HD-12/48K	Kit with HD comb for up to 48 splices
SPLCASS-LSH-HD-36/72K	Kit with HD comb for up to 72 splices
SPLCASS-LSH-HD-48/96K	Kit with HD comb for up to 96 splices
SPLCASS-LSH-HD-60/120K	Kit with HD comb for up to 120 splices
SPLCASS-LSH-HD-72/144K	Kit with HD comb for up to 144 splices
SPLCASS-LSH-HD-84/168K	Kit with HD comb for up to 168 splices
SPLCASS-LSH-HD-96/192K	Kit with HD comb for up to 192 splices
SPLCASS-LSH-HD-108/216K	Kit with HD comb for up to 216 splices
SPLCASS-LSH-HD-120/240K	Kit with HD comb for up to 240 splices
SPLCASS-LSH-HD-132/264K	Kit with HD comb for up to 264 splices
SPLCASS-LSH-HD-144/288K	Kit with HD comb for up to 288 splices
<b>Small</b>	
SPLCASS-SSH-HD-6/12K	Kit with HD comb for up to 12 splices
SPLCASS-SSH-HD-12/24K	Kit with HD comb for up to 24 splices
SPLCASS-SSH-HD-18/36K	Kit with HD comb for up to 36 splices
SPLCASS-SSH-HD-24/48K	Kit with HD comb for up to 48 splices

Kits include heatshrink splice protectors.



## CASSETTES &amp; ACCESSORIES - WARREN &amp; BROWN

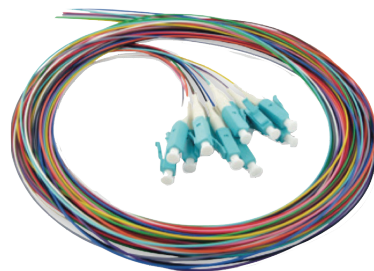
Part No.	Description
W&B-TC251S-1BX	Large stackable cassette with 12/24 comb
W&B-TC251S-5	Lid for W&B TC251S-1BX cassette
W&B-TC2505-1BX	Small cassette with 12-way comb and lid
W&B-47X310	Fibre cassette screw 15mm long
W&B-47X330	Fibre cassette screw 30mm long
W&B-65404001	Heat shrink splice protector 40mm long (120 pieces)



## FIBRE PIGTAILS

Fibre optic pigtails are manufactured with multi-mode or single-mode fibre and terminated with a range of connectors, including SC, SC/APC, LC, LC/APC, FC, FC/APC, ST and MTRJ. Features include:

- Machine polishing to ensure the highest quality connector terminations and performance
- Low insertion and return loss for reliable network performance
- Traceable, standards-based testing procedures



### OS1 9/125mm PIGTAILS

Part No.	Description	Size	Type	Pack
P1LC2M-C12-C900	LC 9um	2m	Col 900um	12
P1SC2M-C12-C900	SC 9um	2m	Col 900um	12
P1SCA2M-C12-C900	SCA 9um	2m	Col 900um	12
P1ST2M-C12-C900	ST 9um	2m	Col 900um	12
P1FC2M-C12-C900	FC 9um	2m	Col 900um	12
P1ST2M-C6-C900	ST 9um	2m	Col 900um	6



### OM1 62.5/125mm PIGTAILS

Part No.	Description	Size	Type	Pack
P6LC2M-C12-C900	LC 62.5um	2m	Col 900um	12
P6SC2M-C12-C900	SC 62.5um	2m	Col 900um	12
P6ST2M-C12-C900	ST 62.5um	2m	Col 900um	12
P6ST2M-C6-C900	ST 62.5um	2m	Col 900um	6



### OM3 50/125mm PIGTAILS

Part No.	Description	Size	Type	Pack
P3LC2M-C12-C900	LC OM3 50um	2m	Col 900um	12
P3SC2M-C12-C900	SC OM3 50um	2m	Col 900um	12
P3ST2M-C12-C900	ST OM3 50um	2m	Col 900um	12



### OM4 50/125mm PIGTAILS

Part No.	Description	Size	Type	Pack
P4LC2M-C12-C900	LC OM4 50um	2m	Col 900um	12
P4SC2M-C12-C900	SC OM4 50um	2m	Col 900um	12
P4ST2M-C12-C900	ST OM4 50um	2m	Col 900um	12



## FIBRE PATCH LEADS

A broad range of factory terminated and tested fibre optic patchcords and cable assemblies are available. Features include:

- High-quality, machine-polished connectors for consistent low-loss performance
- Interferometer tested geometry compliant connectors
- Traceable-loss repeatability and intermateability
- Standards-based testing practices for repeatable and traceable results
- Defect and contamination-free connector endfaces via video-based inspection
- Large stockholding of cable and connectors for custom assemblies
- Individual packaging and labelling provides protection, test data and traceability



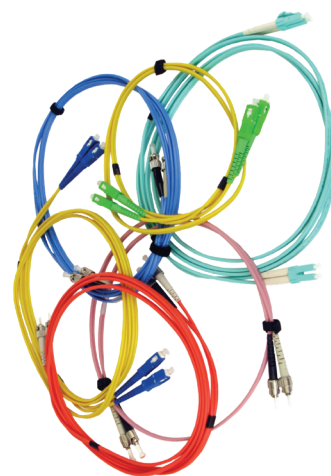
Part No.	Description	Lead length
<b>LC-LC 9um OS1</b>		
D1LCLC1M-C	LC-LC duplex 9um	1m
D1LCLC2M-C	LC-LC duplex 9um	2m
<b>SC-LC 9um OS1</b>		
D1SCLC1M-C	SC-LC duplex 9um	1m
D1SCLC2M-C	SC-LC duplex 9um	2m
<b>SC-SC 9um OS1</b>		
D1SCSC1M-C	SC-SC duplex 9um	1m
D1SCSC2M-C	SC-SC duplex 9um	2m
<b>SC-SCA 9um OS1</b>		
D1SCSCA1M-C	SC-SCA duplex 9um	1m
D1SCSCA2M-C	SC-SCA duplex 9um	2m
<b>ST-SC 9um OS1</b>		
D1STSC1M-C	ST-SC duplex 9um	1m
D1STSC2M-C	ST-SC duplex 9um	2m
<b>ST-ST 9um OS1</b>		
D1STST1M-C	ST-ST duplex 9um	1m
D1STST2M-C	ST-ST duplex 9um	2m
<b>LC-LC 50um OM3</b>		
D3LCLC1M-C	LC-LC duplex OM3	1m
D3LCLC2M-C	LC-LC duplex OM3	2m
<b>SC-SC OM4</b>		
D4SCSC1M-C	SC-SC duplex OM4	1m
D4SCSC2M-C	SC-SC duplex OM4	2m
<b>LC-LC OM4</b>		
D4LCLC1M-C	LC-LC duplex OM4	1m
D4LCLC2M-C	LC-LC duplex OM4	2m
<b>SC-LC OM4</b>		
D4SCLC1M-C	SC-LC duplex OM4	1m
D4SCLC2M-C	SC-LC duplex OM4	2m





## FIBRE PATCH LEADS

Part No.	Description	Length
<b>SC-LC 50um OM3</b>		
D3SCLC1M-C	SC-LC duplex OM3	1m
D3SCLC2M-C	SC-LC duplex OM3	2m
<b>SC-SC 50um OM3</b>		
D3SCSC1M-C	SC-SC duplex OM3	1m
D3SCSC2M-C	SC-SC duplex OM3	2m
<b>LC-LC 62.5um OM1</b>		
D6LCLC1M-C	LC-LC duplex 62.5um	1m
D6LCLC2M-C	LC-LC duplex 62.5um	2m
<b>SC-LC 62.5um OM1</b>		
D6SCLC1M-C	SC-LC duplex 62.5um	1m
D6SCLC2M-C	SC-LC duplex 62.5um	2m
<b>SC-SC 62.5um OM1</b>		
D6SCSC1M-C	SC-SC duplex 62.5um	1m
D6SCSC2M-C	SC-SC duplex 62.5um	2m
<b>ST-SC 62.5um OM1</b>		
D6STSC1M-C	ST-SC duplex 62.5um	1m
D6STSC2M-C	ST-SC duplex 62.5um	2m
<b>ST-ST 62.5um OM1</b>		
D6STST1M-C	ST-ST duplex 62.5um	1m
D6STST2m-C	STST duplex 62.5um	2m
<b>ST-LC 62.5um OM1</b>		
D6STLC1M-C	ST-LC duplex 62.5um	1m
D6STLC2M-C	ST-LC duplex 62.5um	2m



Other standard sizes:  
3m and 5m;  
Longer fibre patch leads  
made to order.

## MTP PRE-TERM CABLING SOLUTIONS

MTP cabling architectures utilise varying cable and patchcord configurations as defined in TIA-568-C.0-2. These cables vary by gender, fibre orientation and pair management.

### FEATURES

Among the large and varied range are MTP cable assemblies to suit:

- 10 gig backbone and extension cables
- 40/100 gig backbone and patchcord cables
- 10 gig/fibre channel MTP to LC hybrid cables
- 40 gig MTP to 10 gig LC patchcords

The low 10/40/100 gig channel loss requirements of ISO/IEC 11801 demand high performance connectivity. Only US Conec MTP Elite connectors are used to ensure the lowest possible connector insertion losses.

Numerous cable options are available, with 3mm round mini cable being the most popular. Other options include ruggedised round mini, metallic armoured round mini, coloured sheaths and different sheath types.

### APPLICATIONS

- Data centres
- Storage area networks - SANs
- Internal building backbones or horizontal distribution
- Fibre to the desk LAN



## FIBRE OPTIC CABLES

All of the quality cable below are OM1, 3 & 4 and OS 1 and OS 2.

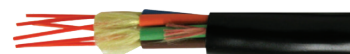
### INDOOR/OUTDOOR RISER CABLE

Lightweight and a low bending radius are attributes of the indoor/outdoor distribution cable (riser-style cable). The cable is suitable for indoor and outdoor installations. Its design combined with the tight-buffered fibres offer quick and easy cable and fibre preparation and the ability to directly terminate fibres.



### INDOOR/OUTDOOR BREAKOUT CABLE

Extremely rugged with a high level of mechanical and environmental protection, the indoor/outdoor breakout cable boasts a heavy duty riser style. It offers direct termination with high connector strain relief and connector retention during adds, moves and changes.



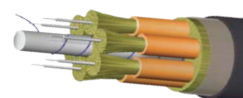
### INDOOR/OUTDOOR LOOSE CABLE

For use in outdoor communication circuits, this cable is water-blocked and termite resistant. It is suitable for duct, direct buried or aerial lashed installation.



### MILITARY TACTICAL BREAKOUT FIBRE CABLE

Ideal for use in harsh environment applications requiring a rugged deployable cable solution, the cable comprises 2mm sub-cables. Each optical fibre is suitable for direct termination, enabling fast and easy installation.



### HARSH ENVIRONMENT EXPANDED BEAM

Contamination can be easily identified and removed to ensure network performance with the harsh environment expanded beam. With fibre sealed and protected behind connector lens, it is easily cleaned without risk of damaging the fibre.

The Kevlar strength member crimped and epoxy bonded means superior pull and twist resistance while hermaphroditic connection means cables can be easily daisy chained with no through adapters needed.

Applications: Military tactical communications, outside broadcasts, petrochemical plants, mining and offshore systems.



## HARSH ENVIRONMENT EXPANDED BEAM

Made from lightweight high-impact materials, the expanded beam reel can be stacked easily and secured for storage and transportation. The connector at the inner end of the cable can be stored within the centre hub, which is internally lined with a foam insert and connector retention grommets for ultimate connector storage and protection. Applications: Mobile telecommunication systems, military tactical communication systems, field deployable broadcast communications, mining, oil and gas.



## FIBRE OPTIC CONNECTORS CLEANING PRODUCTS

One-click cleaners and cassette cleaners provide a quick and effective clean to the end-face of connectors on jumpers or through adapters and cassettes. Royce Cross Group stocks a range of cleaners for fibre optic cables. Call our team to find the cleaning product to suit your application.





## FIBRE OPTIC TEST & TERMINATION

### SINGLE FIBRE CORE ALIGNMENT FUSION SPLICER

As the latest core alignment splicer from Fujikura, the 90S is designed to give high-quality splices. The 90S kit solves such common problems as splicing poor quality legacy fibre to automated equipment maintenance and upkeep. The 90S can be utilised in any field splicing application, such as bend-insensitive fibres in drop cables, long-haul terrestrial and submarine LEAF fibres, loose buffer fibre and splice on connectors. Its speed and accuracy make it suitable for certain production and specialty environments, where high output, tight packaging and low loss requirements are needed.



Part No.	Description
FUJ90S-CT50	Single fibre core alignment fusion splicer with cleaver

### 12-CORE CLADDING ALIGNMENT FUSION SPLICER

The Fujikura 90R is the mass fusion splicer workhorse of the splicing world. With automated splice start, tube heater, wind protector, cleave tracking and blade rotations for up to two cleavers at a time, this splicer frees up operator time for other fibre preparation steps. The splicer has replaceable V-grooves. When V-grooves can no longer be cleaned after extended use or are accidentally damaged, splicing can be resumed in minutes by installing the spare set included with the 90R kit.



Part No.	Description
FUJ90R-CT50-RS0	12-core cladding alignment fusion splicer, cleaver & stripper

### FUJIKURA CT50 FIBRE CLEAVER

With single to 12 fibre cleaving capability, the fibre cleaver is easy to use, lightweight and compact, weighing 210g. There are different versions to accommodate single fibre adapter plates or fibre holders (for single/multi fibres). Applications include precision cleaving ( $<0.5^\circ$ ) of  $125\mu\text{m}$  clad optical fibres and single fibre or up to 12 core ribbon fibre. Call the Royce Cross Group team to find the right unit to suit your needs.



Part No	Description
FUJCT50	CT50 fibre precision cleaver

### OPTICAL FIBRE IDENTIFIER

The optical fibre identifier includes a touch screen, positive stop trigger and several easy-to-select options. The identifiers can be used with any SM fibre, including bend insensitive fibre, bare fibres, ribbon fibre and up to 3mm jacketed fibre. The units also can be customised for ONU detection.



Part No	Description
FUJFID-30R	Optical fibre identifier with power meter
FUJFID-31R	Optical fibre identifier

# FIBRE DUCTING

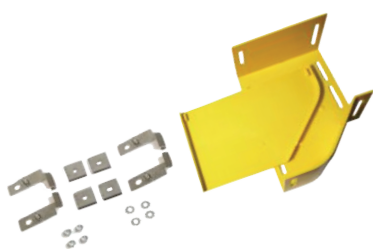
## FEATURES

Warren & Brown's fibre optic ducting raceway brand Yellowduct is a unique system for routing and protecting fibre optic cords between termination equipment, patch panels and fibre optic splicing cabinets or frames in telecommunications exchanges, data centres, universities, hospitals and other applications. It is easily mounted above equipment racks or below floors.

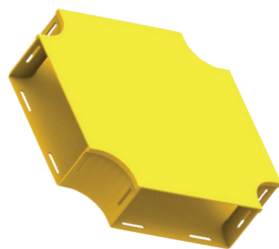
The ducting raceway is available in six sizes with or without covers.

Slotted duct/raceway comes in some sizes for vertical drops or applications inside equipment racks to allow cords to exit through the side of the duct. Some sizes are available with hinged or clip-on covers. All duct sizes come in 2m lengths.

## DUCTING COMPONENTS



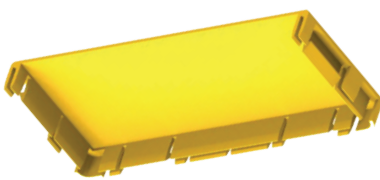
Adaptors



Crosses



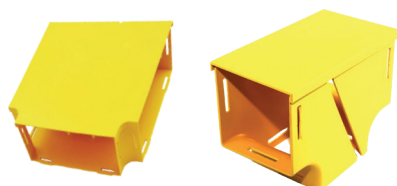
Drop-off solutions



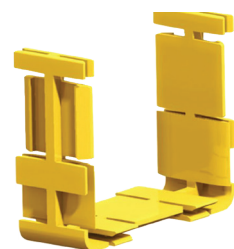
End caps



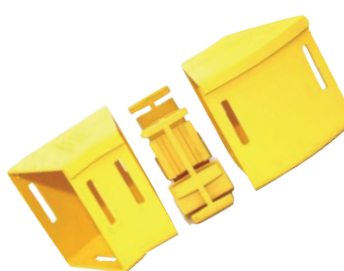
Horizontal elbows



Horizontal & vertical tees



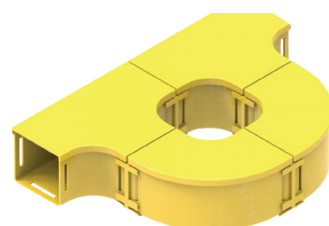
Joiners



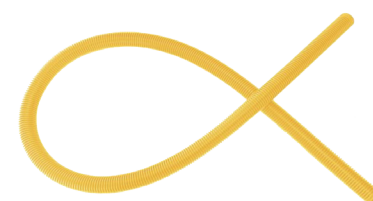
Kits



Reducers



Storage loops



Tubing

## SOLID STRAIGHT DUCT

Part No	Description	Dimensions	Length
TC1279-83	Straight duct	30mm x 30mm	2m
TC1279-81	Straight duct	50mm x 50mm	2m
TC1279-23	Straight duct	100mm x 50mm	2m
TC1279-21	Straight duct	220mm x 100mm	2m
TC1279-275	Straight duct	300mm x 100mm	2m



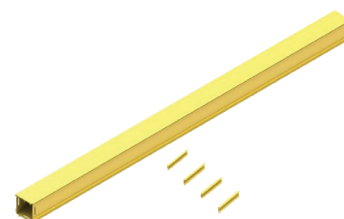
## SOLID STRAIGHT DUCT WITH COVER

Part No	Description	Dimensions	Length
TC1279-83XA	Straight duct	30mm x 30mm	2m
TC1279-81XA	Straight duct	50mm x 50mm	2m
TC1279-223ASN	Straight duct	100mm x 50mm	2m
TC1279-23ASN	Straight duct	100mm x 100mm	2m
TC1279-21ASN	Straight duct	220mm x 100mm	2m
TC1279-275A	Straight duct	300mm x 100mm	2m



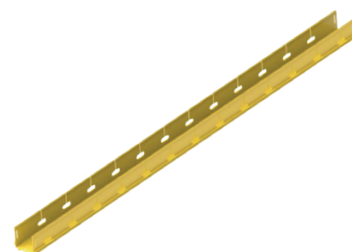
## SOLID STRAIGHT DUCT WITH HINGED COVER

Part No	Description	Dimensions	Length
TC1279-83A	Straight duct	30mm x 30mm	2m
TC1279-81A	Straight duct	50mm x 50mm	2m
TC1279-223A	Straight duct	100mm x 50mm	2m
TC1279-23A	Straight duct	100mm x 100mm	2m
TC1279-21A	Straight duct	220mm x 100mm	2m



## SLOTTED STRAIGHT DUCT (SIDE EXIT)

Part No	Description	Dimensions	Length
TC1279-83SL	Straight duct	30mm x 30mm	2m
TC1279-81SL	Straight duct	50mm x 50mm	2m
TC1279-223SL	Straight duct	100mm x 50mm	2m
TC1279-23SL	Straight duct	100mm x 100mm	2m



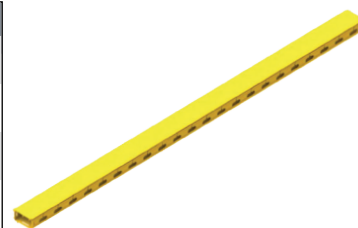


**SLOTTED STRAIGHT DUCT WITH COVER**

Part No	Description	Dimensions	Length
TC1279-83SLXA	Straight duct	30mm x 30mm	2m
TC1279-81SLXA	Straight duct	50mm x 50mm	2m
TC1279-223SLASN	Straight duct	100mm x 50mm	2m
TC1279-23SLASN	Straight duct	100mm x 100mm	2m

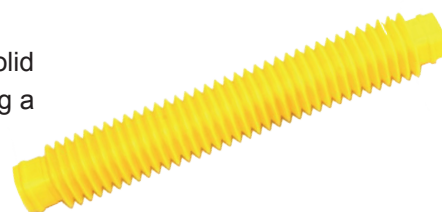
**SLOTTED STRAIGHT DUCT WITH HINGED COVER**

Part No	Description	Dimensions	Length
TC1279-83SLA	Straight duct	30mm x 30mm	2m
TC1279-81SLA	Straight duct	50mm x 50mm	2m
TC1279-223SLXA	Straight duct	100mm x 50mm	2m
TC1279-23SLA	Straight duct	100mm x 100mm	2m

**TUBING****FLEXIBLE CONVOLUTED**

The 30mm square convoluted tube is used as a flexible take off from any solid ducting to equipment located in a lower rack. It fits into any 30mm part using a standard joiner (part: TC1279-98), which is available separately. Each 350mm length is a snap-fit into each other to form any flexible length desired.

Part No.	Description	Size	Length
TC1279-88	Flexible tube	45mm x 45mm	330mm

**FLEXIBLE CONVOLUTED**

The square convoluted tube is used as a flexible take off from any solid ducting to equipment located in a lower rack. It fits using a square sheath to drop off 50mm square assembly (part: TC1279-89KIT). This slots into a cut out provided by the cut out tool (part: TC1279-50KIT). Each 350mm length is a snap-fit into each other to form any flexible length desired.

Part No.	Description	Size	Length
TC1279-85YEL	Square flexible tube	50mm x 50mm	330mm

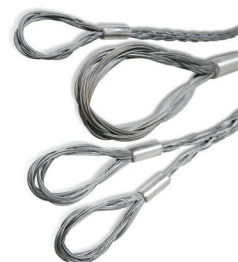




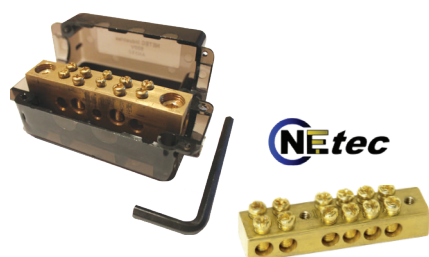
## CABLE-LAYING PRODUCTS

The vast range of cable installation products available through AJF Electrical Distributors includes:

- Jacks
- Guides
- Lubricants
- Rodding systems
- Rollers
- Stockings
- Swivels
- Winches



## COVERED & BARE LINKS



A diverse range of Australian-made earth and neutral links is stocked by AJF Electrical Distributors. We are a distributor for NEttec, which specialises in numbered tunnels. The product range includes:

- 100 to 500-amp covered links
- Neutral and earth bars
- Insulating feet
- Screws and bolt clamps
- Accessories

## ELECTRICAL FIXINGS, FASTENERS & SUPPORTS

Fixing equipment, from basic purlin clips to the latest speed links, is a vast and constantly growing range of products from Caddy. Boasting speedy installation time and competitive prices, the Caddy line includes:

- Conduit, cable, beam and purlin clips
- Stud wall grommets
- Data supports
- Ceiling and acoustic applications



## FUSE GEAR



A wide range of circuit protection devices is always in stock at Royce Cross Group. As a distributor for Eaton's Cooper Bussmann range, there is a product to suit all industrial and general applications. The range includes:

- Cylinder fuses
- Fuse holders
- Two-amp to 800-amp BS88 fuses

## LIGHTNING PROTECTION

Protect your assets from the harmful effects of a direct lightning strike. Lightning can cause major problems to power, data and telecommunication equipment and people.

AJF Electrical Distributors offers a range of lightning protection systems from Australian company Lightning Protection Industries to meet specific requirements. LPI offers three types of direct strike protection systems, which include the full package of air terminals and accessories:

- Stormaster ESE range of terminals
- Conventional lightning protection system
- Guardian System 5 provides a purpose-designed package for direct lightning protection



**LPI®**

## EARTHING & GROUNDING



LPI® provides an extensive range of earthing products for the installation of a low-impedance earthing system. Whether installing a dedicated lightning earth or a facility earth grid, it is essential to ensure personnel safety and provide an effective earth to limit disruptions to services. The LPI® Exoweld exothermic welding process is a safe and efficient way to provide a permanent connection between conductors.

LPI products carried by AJF Electrical Distributors include:

- Chemical earth rods
- Copper-bonded and stainless-steel earth rods
- Copper and stainless-steel earth braids
- Clamps and tapes
- Pre-engineered ground grids and meshes
- Earthing accessories

## SURGE & SPIKE PROTECTION

Power surges and spikes cause millions of dollars in damage. It is a common cause of electronic equipment failure, performance disruption and unscheduled system downtime.

AJF Electrical Distributors carries Australian-designed products by Lightning Protection Industries. The range includes:

- Communications and data protection
- Earthing
- Power surge and transient protection
- Series/shunt devices

**LPI®**



## HAZARDOUS AREA EQUIPMENT

Enhancing safety and productivity in industrial and commercial environments is overcome with the many and varied products produced by Eaton Crouse-Hinds.

### FITTINGS & GLANDS

Time tested and innovative conduit industrial fittings, cable glands and cable connectors move power simply and safely in any electrical installation. The products on offer from Eaton Crouse-Hinds include:

- Cable glands
- Conduit seal, breathers, drains
- Conduit bodies, outlet boxes
- Device boxes
- Elbows, couplings, hubs, plugs, reducers, unions
- Visual and audible signalling devices

### LIGHTING

Advanced industrial lighting solutions are covered by Eaton Crouse-Hinds' range for hazardous areas. Hazardous area lighting offers superior illumination, flexibility and safety in the most demanding environments. The lighting products can be used in such applications as oil and gas exploration and production, petrochemical facilities, wastewater treatment plants, pulp and paper production, aluminium processing facilities, salt and potash mines, pharmaceutical and additives formulation and processing and many more. They can be used in locations with high temperatures, marine environments, combustible dust and other hazardous areas.

### ENCLOSURES

Eaton Crouse-Hinds' top-quality enclosures meet a wide variety of requirements and delivery needs. Providing commercial, industrial and classified enclosure solutions, the enclosures are ideal for oil and gas, mining, water and waste water, OEM panel shop applications and more. With a range of sizes and many attributes, the enclosure range includes:

- Explosion-proof enclosures
- Explosion-proof junction boxes
- Explosion-proof equipment housing
- Custom-built control panels



**EAT•N** CROUSE-HINDS SERIES



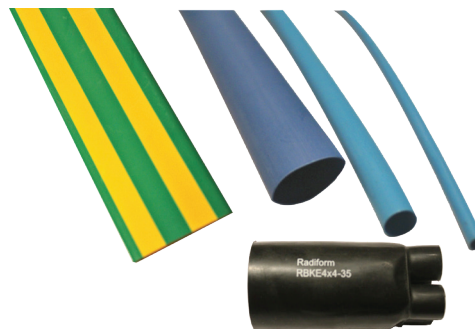


## HEAT SHRINK

The areas in which heat shrink can be used vary widely. AJF Electrical Distributors stocks a range of tubing and moulds to suit all applications, providing protection against mechanical, environmental, chemical or electrical effects.

The products include:

- Heat shrink reels
- Heat shrink end caps, gloves, cable repair sleeves
- Medium-wall, adhesive-lined heat shrink
- Thick wall, adhesive-lined heat shrink
- Tubing lengths



## VASS BUSDUCT SYSTEMS

Vass Electrical Industries is Australia's only comprehensive manufacturer and largest supplier of electrical busway/busduct systems and products. The range encompasses type-tested, 100-amp busway systems in feeder, bolt-on and plug-in configurations for AC and DC applications. Vass products include:

### S Series

- Three-phase and neutral 80 to 700 amps
- Single phase to 160 amps
- Prefabricated
- Plug-in power, take-off boxes

### H Series

- Power distribution system for high-rise buildings (hospitals, mines and heavy industries)
- Superior 'Sandwich' type construction
- Dangerous goods and spill control
- Sizes ranging from 800 to 7000 amps



## STANDARD MACHINE ELEMENTS

C&A Chains & Accessories stocks the extensive Elessa+Ganter range of standard machine elements.

The products include:

- Operating elements
- Clamping knobs
- U-handles
- Hinges
- Indexing elements
- Rotary controls
- Fixed, revolving and fold-away handles
- Toggle, power and hook clamps
- Latches





A family-owned business based at Dudley Park, the Royce Cross Group comprises three companies: Royce Cross Electric Motor Group; C&A Chains & Accessories; and AJF Electrical Distributors. Each delivers an extensive range, quality products and exceptional service.

# ROYCE CROSS

ELECTRIC MOTOR GROUP

Founded by Royce Cross nearly 50 years ago, the Royce Cross Electric Motor Group is a market leader in the efficient, quality service and supply of electric motors and accessories.

During the past five decades, the company has delivered superior products that meet efficiency standards and quality regulations. It also has provided excellent service with knowledgeable advice from a qualified team.

The company has been manufacturing its RCG range of electric motors for more than 16 years while its team has a proven track record in providing solutions for all types of electric motor problems.

Royce Cross Electric Motor Group's broad range of products means a one-stop shop for all electric motor and accessory needs.



## PRODUCTS

- Air-movement motors
- Capacitors
- DC low-voltage motors
- Electrical accessories
- Electric motors
- Enclosures
- Geared motors
- Variable-speed drives

## BRANDS

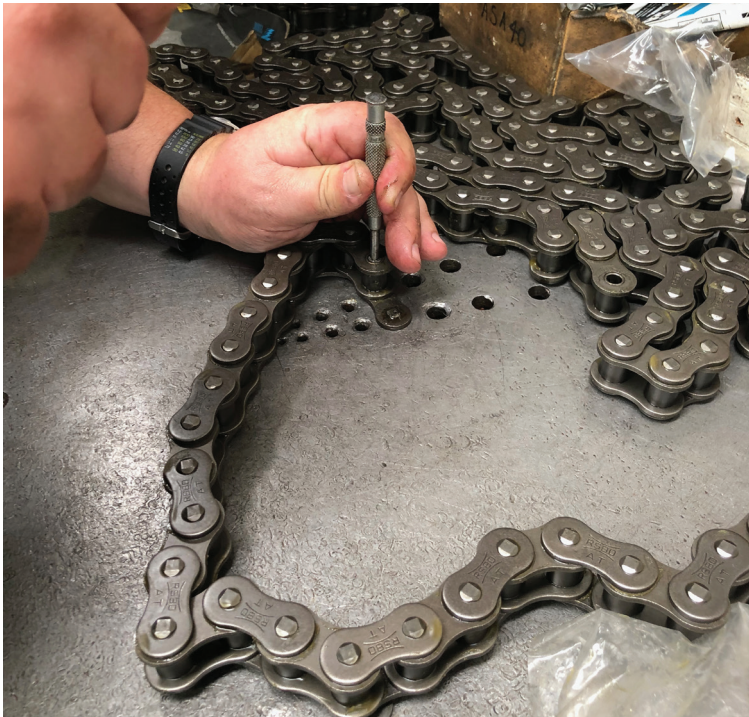
- RCG
- Baldor
- Crompton Greaves
- Fasco
- Pulset
- Toshiba
- Transtecno



## REPAIRS & MODIFICATIONS

The expert team at Royce Cross Electric Motor Group can provide modifications to most electric motors and gearboxes. The service includes:

- Fan replacements
- Pulley and sprocket fitting
- Specialised shaft manufacturing
- Re-wiring and rewinding
- Upgrades to motor performance
- Increasing IP ratings
- Robust paint options
- Cooling tower modification



The century-old Chains & Accessories joined the Royce Cross Group in 2012. Since beginning as the Austral Elevator Company in 1914, its trading name changes have included Chains and Accessories, Complete Drive Solutions and C&A.

Chains & Accessories is recognised as an industry leader for its service and commitment to engineering-drive solutions, specialising in such mechanical power transmission components as chain, sprockets, racks, pinions, belts, gearboxes, variable speed drives and pulleys, couplings and conveyor components.

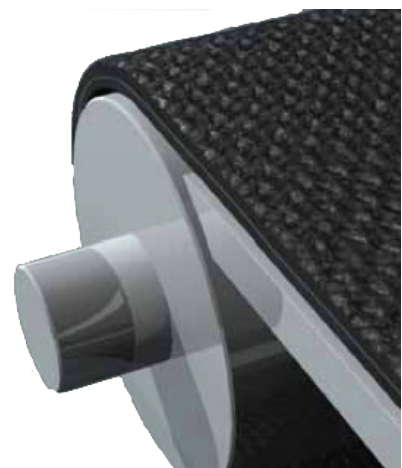
The Chains & Accessories' expert team can provide all types of industry with invaluable knowledge and excellent service of drive components and power transmission products.

## PRODUCTS

- Belts
- Chains
- Conveyor items
- Drives
- Gears
- Motors
- Pulleys
- Racks
- Sprockets

## BRANDS

- Tsubaki
- Mitsubishi
- Elesa
- Varspe
- Forbo





## ROYCE CROSS

ELECTRICMOTORGROUP

📞 08 8269 4000

🖱️ [roycecrossgroup.com](http://roycecrossgroup.com)

- Air-movement motors
- Capacitors
- DC low-voltage motors
- Electric motors
- Electrical accessories
- Enclosures
- Geared motors
- Mining motors
- Rewind & repairs
- Variable-speed drives



📞 08 8444 6700

🖱️ [roycecrossgroup.com](http://roycecrossgroup.com)

- Belts
- Chains
- Conveyor items
- Drives
- Gears
- Motors
- Pulleys
- Racks
- Sprockets
- Accessories

## ajf ELECTRICAL DISTRIBUTORS

📞 08 8269 6400

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- Communications
- Data
- Electrical
- First-aid products
- Hazardous equipment
- Lightning protection
- Lockout tagout
- LV products
- Printing systems
- Racking
- Signs
- UPS
- Variable-speed drives
- Warehouse safety