LEGEND

PERFORMANCE TECHNOLOGY

Fibre

1800 328 200 | www.legend.com.au | sales@legend.com.au

Fibre

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Brief Overview of Fibre Optic Cable

Fibre Optic Overview

An optical fibre is a glass or plastic fibre that carries light along its length. Optical fibres are widely used in fibre optic communication, which permits transmission over longer distances and at higher data rates than other forms of communications. Fibres are used instead of metal wires as signals travel along them faster with less loss.

Advantages Over Copper

Fibre optic cables have many advantages that cannot be matched via copper or wireless transmission. First - optical fibre can transport more information to much longer distances in less transmission time. This is because fibre has less attenuation (loss) and more bandwidth (capacity). Aside from distance and speed, optical transmission cannot be affected by electromagnetic interferences, making it handy to use in environments where this is a problem. Fibre is also relatively secure since the optical transmission cannot be tapped as easily as electrical transmission.

Speed: Fibre optic networks operate at high speeds - up into the gigabits.

Bandwidth: Large carrying capacity.

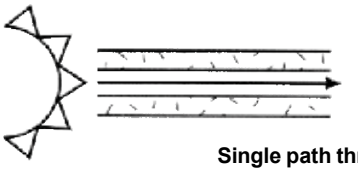
Distance: Signals can be transmitted further without needing to be “refreshed” or strengthened.

Resistance: Greater resistance to electromagnetic interferences such as radios, motors or other nearby cables.

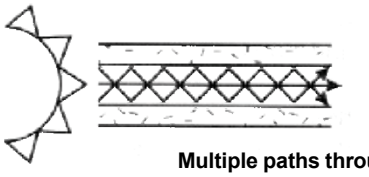
Maintenance: Fibre optic cables costs much less to maintain.

Higher carrying capacity: Because optical fibres are thinner than copper wires, more fibres can be bundled into a given-diameter cable than copper wires.

Non-flammable: Because no electricity is passed through optical fibres, there is no fire hazard.



Single path through the fibre



Multiple paths through the fibre

Singlemode

Singlemode cable has a typical core diameter of 8.3 to 10um, through which only one mode will propagate typically at 1310 or 1550nm. It carries higher bandwidth than multimode fibre, but requires a light source with a narrow spectral width.

Singlemode fibre has a much smaller core than multimode. The small core and single light-wave virtually eliminate any distortion that could result from overlapping light pulses, providing the least signal attenuation and the highest transmission speeds of any fibre cable type.

Multimode

Multimode cable has a larger core size, with common diameters of 50, 62.5um and (1mm POF). Light waves are dispersed into numerous paths, or modes, as they travel through the cable’s core typically at 850 or 1300nm.

However, in long cable runs (greater than 3000 feet or 914.4 meters), multiple paths of light can cause signal distortion at the receiving end, resulting in an unclear and incomplete data transmission so designers now call for single mode fibre in new applications using Gigabit and beyond.

Fibre Optic Cable Specifications

Core Diameter	9	50	62.5
Cladding Diameter (um)	125	125	125
Numerical Aperture (um)	0.11	0.2	0.29
Attenuation (dB/Km) 850nm	-	3.5	3.5
Attenuation (dB/Km) 1300nm	-	1.5	1.5
Attenuation (dB/Km) 1310nm	1	-	-
Attenuation (dB/Km) 1550nm	1	-	-
Bandwidth (MHz/Km) 850nm	N/A	1500	200
Bandwidth (MHz/Km) 1300nm	N/A	500	500

Industry Standard Colour Codes

Fibre optic cables are terminated using an industry standard colour code.

For cables that consist of more than 12 strands of fibre the colours are repeated with some variation eg. The 1st group of 12 strands are solid colours and the 2nd group are solid colours with a stripe or some other identifying mark.

1. Blue
2. Orange
3. Green
4. Brown
5. Slate
6. White
7. Red
8. Black
9. Yellow
10. Violet
11. Pink
12. Aqua

Do You Need Your Cable Terminated?

MSS Fibre Systems can manufacture a large range of Pre-Terminated Fibre Cables to suit your specific application requirements.

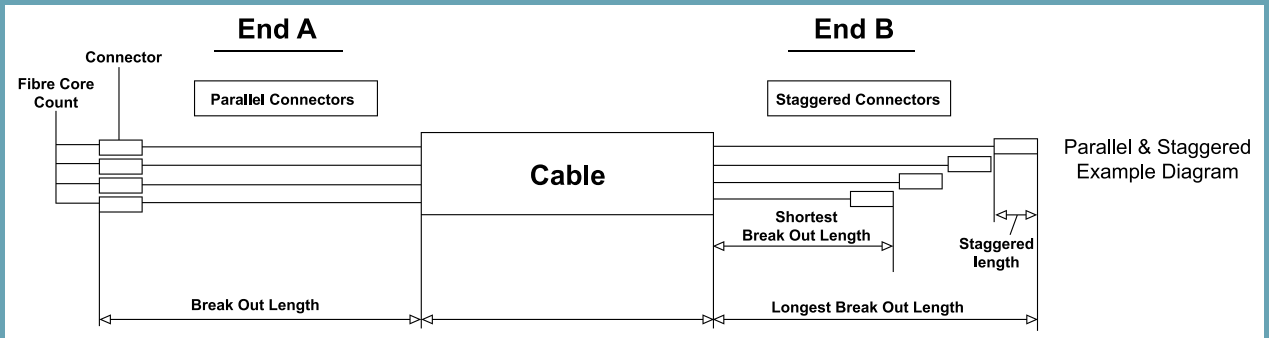
From straight forward simplex patch cords to custom Military Spec cable.

MSS has the resources and expertise to deliver a quality product with fast lead times and friendly customer service.

Features and Benefits

- Fully tested and ready to be installed
- Can manufacture a pre-terminated cable to your specific length, colour and connector type
- Pulling conduit assemblies available
- Custom labelling
- Cable drum for re-deployment
- Tested to AS/NZS3080, ISO 11801 Performance Standards
- RCM Compliant: E1508

Pre-Terminated Cable Ordering Details



End A

✓	Connector Type:		
	ST		LC
	SC		LCA
	SCA		MTRJ
	FC		

✓	Break Out Details:
	Staggered (Default Length is 40mm)
	Parallel
	Break Out Length (Default Length is 400mm)
	Over Sleeve 1.8mm
	Over Sleeve 3mm (up to 12F only)

*See diagram above

Cable

✓	Fibre Mode:
	OS1 – Singlemode 9/125
	OM1 – Multimode 62.5/125
	OM3 – Multimode 50/125
	OM4 – Multimode 50/125

✓	Cable Type:
	Tight Buffered Indoor-Outdoor
	Loose-Tube Underground Cable
✓	**Where will the Cable be installed:**
	Underground
	Outdoor
	Indoor

End B

✓	Connector Type:		
	ST		LC
	SC		LCA
	SCA		MTRJ
	FC		

✓	Break Out Details:
	Staggered (Default Length is 40mm)
	Parallel
	Break Out Length (Default Length is 400mm)
	Over Sleeve 1.8mm
	Over Sleeve 3mm (up to 12F only)

*See diagram above

Other

✓	Cable Pulling Mechanism:
	Pulling Conduit

✓	Special Labelling Requirements:
	End A
	End B

✓	Core Count:

✓	Length:
	(in metres)

✓	Cable Drum:
	Recommended for cables over 50 metres

FIBRE PATCH LEADS

DUPLEX PATCH LEADS OM1

LC LC OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DLCLC1M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DLCLC2M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DLCLC3M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DLCLC5M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DLCLC10M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DLCLC15M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DLCLC20M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1
DLCLC25M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 25 MTR	EA	1
DLCLC30M-MM	LC-LC DUPLEX OM1 PATCH LEAD - 30 MTR	EA	1

SC LC OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSCLC1M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSCLC2M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSCLC3M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSCLC5M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSCLC10M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSCLC15M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSCLC20M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1
DSCLC30M-MM	SC-LC DUPLEX OM1 PATCH LEAD - 30 MTR	EA	1

SC SC OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSCSC0.5M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 0.5 MTR	EA	1
DSCSC1M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSCSC2M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSCSC3M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSCSC5M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSCSC10M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSCSC15M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSCSC20M-MM	SC-SC DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

ST SC OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSTSC1M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSTSC2M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSTSC3M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSTSC5M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSTSC10M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSTSC15M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSTSC20M-MM	ST-SC DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

ST ST OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSTST0.5M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 0.5 MTR	EA	1
DSTST1M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSTST2M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSTST3M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSTST5M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSTST10M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSTST15M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSTST20M-MM	ST-ST DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

ST LC OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSTLC1M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSTLC2M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSTLC3M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSTLC5M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSTLC10M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSTLC15M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSTLC20M-MM	ST-LC DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

FIBRE PATCH LEADS

MTRJ MTRJ OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DMTRJ1M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DMTRJ2M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DMTRJ3M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DMTRJ5M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DMTRJ10M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DMTRJ15M-MM	MTRJ-MTRJ DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1

SC MTRJ OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

Part No.	Description	Unit	Qty
DSCMTRJ1M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSCMTRJ2M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSCMTRJ3M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSCMTRJ5M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSCMTRJ10M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSCMTRJ15M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 15 MTR	EA	1
DSCMTRJ20M-MM	SC-MTRJ DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

ST MTRJ OM1 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Orange

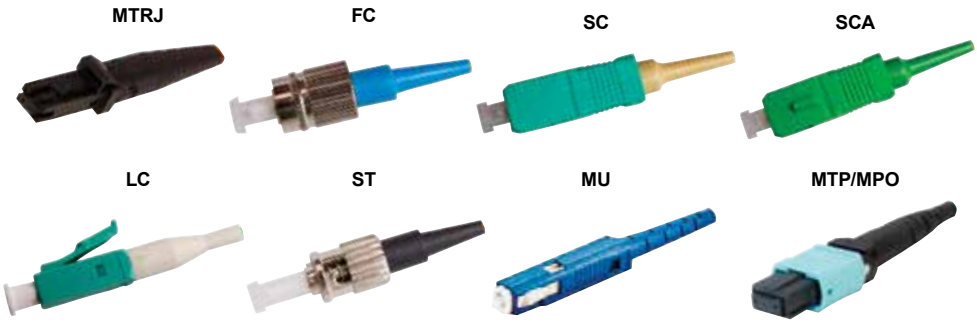
Part No.	Description	Unit	Qty
DSTMTRJ1M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 1 MTR	EA	1
DSTMTRJ2M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 2 MTR	EA	1
DSTMTRJ3M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 3 MTR	EA	1
DSTMTRJ5M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 5 MTR	EA	1
DSTMTRJ10M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 10 MTR	EA	1
DSTMTRJ20M-MM	ST-MTRJ DUPLEX OM1 PATCH LEAD - 20 MTR	EA	1

Patchleads

Widest range available ex-stock, including ST, SC, SCA, LC, MTRJ, in 1, 2, 3, 5, 10, 15 and 20m lengths.

All connector styles, configurations and lengths can be manufactured, including special Defence colours and OS1, OM1, OM3 and OM4 cable.

Custom Leads Made to Your Requirements



DUPLEX PATCH LEADS OM3

LC LC OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DLCLC0.5M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 0.5 MTR	EA	1
DLCLC1M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DLCLC2M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DLCLC3M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DLCLC5M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DLCLC7M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 7 MTR	EA	1
DLCLC10M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DLCLC15M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1
DLCLC20M-MM3	LC-LC DUPLEX OM3 PATCH LEAD - 20 MTR	EA	1

SC LC OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DSCLC1M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DSCLC2M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DSCLC3M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DSCLC5M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DSCLC10M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DSCLC15M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1
DSCLC20M-MM3	SC-LC DUPLEX OM3 PATCH LEAD - 20 MTR	EA	1

FIBRE PATCH LEADS

SC SC OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DSCSC1M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DSCSC2M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DSCSC3M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DSCSC5M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DSCSC10M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DSCSC15M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1
DSCSC20M-MM3	SC-SC DUPLEX OM3 PATCH LEAD - 20 MTR	EA	1

ST SC OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DSTSC1M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DSTSC2M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DSTSC3M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DSTSC5M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DSTSC10M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DSTSC15M-MM3	ST-SC DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1

ST ST OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DSTST1M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DSTST2M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DSTST3M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DSTST5M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DSTST10M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DSTST15M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1
DSTST20M-MM3	ST-ST DUPLEX OM3 PATCH LEAD - 20 MTR	EA	1

ST LC OM3 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

Part No.	Description	Unit	Qty
DSTLC1M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 1 MTR	EA	1
DSTLC2M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 2 MTR	EA	1
DSTLC3M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 3 MTR	EA	1
DSTLC5M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 5 MTR	EA	1
DSTLC10M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 10 MTR	EA	1
DSTLC15M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 15 MTR	EA	1
DSTLC20M-MM3	ST-LC DUPLEX OM3 PATCH LEAD - 20 MTR	EA	1

MTRJ MTRJ OM3 PATCH LEADS

MTRJ-MTRJ DUPLEX OM3 PATCH LEAD - 5 MTR

Unit: EA Qty: 1

Part No. DMTRJ5M-MM3

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Aqua

DUPLEX OM4 PATCH LEADS

LC LC OM4 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Erika Violet

Part No.	Description	Unit	Qty
DLCLC1M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 1 MTR	EA	1
DLCLC2M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 2 MTR	EA	1
DLCLC3M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 3 MTR	EA	1
DLCLC5M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 5 MTR	EA	1
DLCLC10M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 10 MTR	EA	1
DLCLC15M-MM4	LC-LC DUPLEX OM4 PATCH LEAD - 15 MTR	EA	1

SC LC OM4 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Erika Violet

Part No.	Description	Unit	Qty
DSCLC1M-MM4	SC-LC DUPLEX OM4 PATCH LEAD - 1 MTR	EA	1
DSCLC2M-MM4	SC-LC DUPLEX OM4 PATCH LEAD - 2 MTR	EA	1
DSCLC3M-MM4	SC-LC DUPLEX OM4 PATCH LEAD - 3 MTR	EA	1
DSCLC5M-MM4	SC-LC DUPLEX OM4 PATCH LEAD - 5 MTR	EA	1

FIBRE PATCH LEADS

SC SC OM4 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Erika Violet

Part No.	Description	Unit	Qty
DSCSC1M-MM4	SC-SC DUPLEX OM4 PATCH LEAD - 1 MTR	EA	1
DSCSC2M-MM4	SC-SC DUPLEX OM4 PATCH LEAD - 2 MTR	EA	1
DSCSC3M-MM4	SC-SC DUPLEX OM4 PATCH LEAD - 3 MTR	EA	1
DSCSC5M-MM4	SC-SC DUPLEX OM4 PATCH LEAD - 5 MTR	EA	1

DUPLEX OS1 OS2 PATCH LEADS SM

LC LC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DLCLC1M-SM	LC-LC DUPLEX OS1 PATCH LEAD - 1 MTR	EA	1
DLCLC2M-SM	LC-LC DUPLEX OS1 PATCH LEAD - 2 MTR	EA	1
DLCLC3M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DLCLC4M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 4 MTR	EA	1
DLCLC5M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DLCLC8M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 8 MTR	EA	1
DLCLC10M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DLCLC12M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 12 MTR	EA	1
DLCLC15M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DLCLC20M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1
DLCLC25M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 25 MTR	EA	1
DLCLC30M-SM	LC-LC DUPLEX OS2 PATCH LEAD - 30 MTR	EA	1

SC LC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCLC0.5M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 0.5 MTR	EA	1
DSCLC1M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSCLC2M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCLC3M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCLC5M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSCLC8M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 8 MTR	EA	1
DSCLC10M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSCLC15M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSCLC20M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1
DSCLC25M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 25 MTR	EA	1
DSCLC30M-SM	SC-LC DUPLEX OS2 PATCH LEAD - 30 MTR	EA	1

SC SC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCSC0.5M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 0.5 MTR	EA	1
DSCSC1M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSCSC2M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCSC3M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCSC5M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSCSC8M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 8 MTR	EA	1
DSCSC10M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSCSC15M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSCSC20M-SM	SC-SC DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1

ST SC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSTSC1M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSTSC2M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSTSC3M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSTSC5M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSTSC10M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSTSC15M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSTSC20M-SM	ST-SC DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1

ST LC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSTLC1M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSTLC2M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSTLC3M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSTLC5M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSTLC10M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSTLC15M-SM	ST-LC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1

FIBRE PATCH LEADS

DUPLEX PATCH LEADS OS1 OS2 SM ANGLE POLISH

LCA LCA OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Yellow

Part No.	Description	Unit	Qty
DLCALCA1M-SM	LCA-LCA DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DLCALCA2M-SM	LCA-LCA DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DLCALCA3M-SM	LCA-LCA DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DLCALCA5M-SM	LCA-LCA DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1

SCA LC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCALC1M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSCALC2M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCALC3M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCALC5M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSCALC10M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSCALC15M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSCALC20M-SM	SCA-LC DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1

SCA LCA OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 2mm LSZH sheath
- Applications include data centre and premise cabling
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCALCA2M-SM	SCA-LCA DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCALCA3M-SM	SCA-LCA DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCALCA5M-SM	SCA-LCA DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1

SCA SC OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCSCA1M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSCSCA2M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCSCA3M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCSCA5M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSCSCA10M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSCSCA15M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSCSCA20M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1
DSCSCA25M-SM	SC-SCA DUPLEX OS2 PATCH LEAD - 25 MTR	EA	1

SCA SCA OS1 OS2 PATCH LEADS

- Factory terminated leads with Mode coloured connectors and jacket for patching between active equipment and panels
- Up to 500 mating cycles (IEC 61300-2-2)
- 3mm LSZH sheath
- Applications include; CATV/Video, PON, WDM/DWDM, FTTH
- Colour: Yellow

Part No.	Description	Unit	Qty
DSCASCA1M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 1 MTR	EA	1
DSCASCA2M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 2 MTR	EA	1
DSCASCA3M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 3 MTR	EA	1
DSCASCA5M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 5 MTR	EA	1
DSCASCA10M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 10 MTR	EA	1
DSCASCA15M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 15 MTR	EA	1
DSCASCA20M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 20 MTR	EA	1
DSCASCA25M-SM	SCA-SCA DUPLEX OS2 PATCH LEAD - 25 MTR	EA	1

FIBRE CABLE UNTERMINATED

Do You Need Your Cable Terminated?

MSS Fibre Systems can manufacture a large range of Pre-Terminated Fibre Cables to suit your specific application requirements.

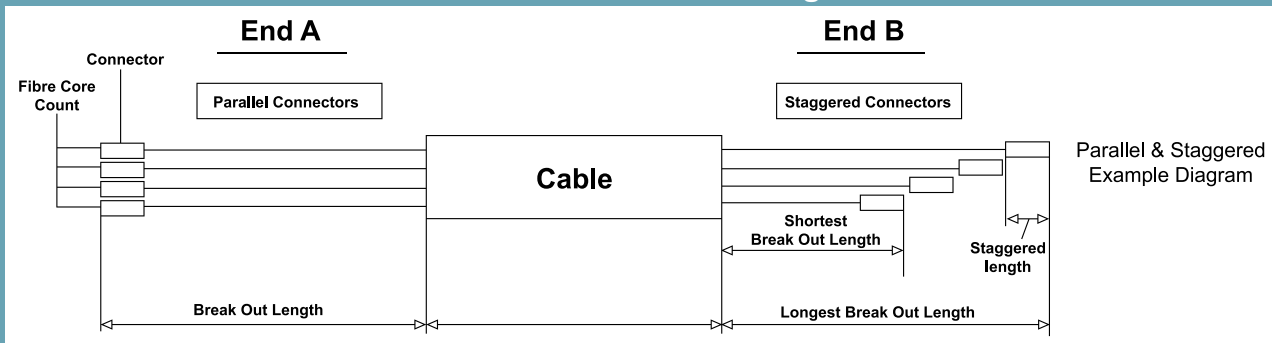
From straight forward simplex patch cords to custom Military Spec cable.

MSS has the resources and expertise to deliver a quality product with fast lead times and friendly customer service.

Features and Benefits

- Fully tested and ready to be installed
- Can manufacture a pre-terminated cable to your specific length, colour and connector type
- Pulling conduit assemblies available
- Custom labelling
- Cable drum for re-deployment
- Tested to AS/NZS3080, ISO 11801 Performance Standards
- RCM Compliant: E1508

Pre-Terminated Cable Ordering Details



End A

✓	Connector Type:		
	ST		LC
	SC		LCA
	SCA		MTRJ
	FC		

✓	Break Out Details:
	Staggered (Default Length is 40mm)
	Parallel
	Break Out Length (Default Length is 400mm)
	Over Sleeve 1.8mm
	Over Sleeve 3mm (up to 12F only)

*See diagram above

Cable

✓	Fibre Mode:
	OS1 – Singlemode 9/125
	OM1 – Multimode 62.5/125
	OM3 – Multimode 50/125
	OM4 – Multimode 50/125

✓	Cable Type:
	Tight Buffered Indoor-Outdoor
	Loose-Tube Underground Cable
✓	**Where will the Cable be installed:**
	Underground
	Outdoor
	Indoor

End B

✓	Connector Type:		
	ST		LC
	SC		LCA
	SCA		MTRJ
	FC		

✓	Break Out Details:
	Staggered (Default Length is 40mm)
	Parallel
	Break Out Length (Default Length is 400mm)
	Over Sleeve 1.8mm
	Over Sleeve 3mm (up to 12F only)

*See diagram above

Other

✓	Cable Pulling Mechanism:
	Pulling Conduit

✓	Special Labelling Requirements:
	End A
	End B

✓	Core Count:

✓	Length:
	(in metres)

✓	Cable Drum:
	Recommended for cables over 50 metres

TIGHT BUFFERED DUPLEX CORD

OM1 2MM DUPLEX CORD

- Duplex patch lead cable offers a reliable cable in a variety of jacket size and colour to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

Part No.	Description	Unit	Qty
CAB-D2.0-MM-BL	CABLE DUPLEX 2.0MM OM1 BLUE	M	1
CAB-D2.0-MM-OR	CABLE DUPLEX 2.0MM OM1 ORANGE	M	1
CAB-D2.0-MM-PK	CABLE DUPLEX 2.0MM OM1 PINK	M	1
CAB-D2.0-MM-PR	CABLE DUPLEX 2.0MM OM1 PURPLE	M	1

OM3 2MM DUPLEX CORD

CABLE DUPLEX 2.0MM OM3 AQUA

Unit: M Qty: 1

Part No. CAB-D2.0-MM3-AQ

- A reliable cable in a variety of jacket size and colour to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

OM4 2MM DUPLEX CORD

- A reliable cable in a variety of jacket size and colour to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction

Part No.	Description	Unit	Qty
CAB-D2.0-MM4-AQ	CABLE DUPLEX 2.0MM OM4 AQUA	M	1
CAB-D2.0-MM4-EV	CABLE DUPLEX 2.0MM OM4 ERIKA VIOLET	M	1

SM 2MM DUPLEX CORD

CABLE DUPLEX 2.0MM OS1 YELLOW

Unit: M Qty: 1

Part No. CAB-D2.0-SM-YL

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

FIBRE CABLE UNTERMINATED

OM1 3MM DUPLEX CORD

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

Part No.	Description	Unit	Qty
CAB-D3.0-MM-AQ	CABLE DUPLEX 3.0MM OM1 AQUA	M	1
CAB-D3.0-MM-BK	CABLE DUPLEX 3.0MM OM1 BLACK	M	1
CAB-D3.0-MM-BL	CABLE DUPLEX 3.0MM OM1 BLUE	M	1
CAB-D3.0-MM-GR	CABLE DUPLEX 3.0MM OM1 GREEN	M	1
CAB-D3.0-MM-OR	CABLE DUPLEX 3.0MM OM1 ORANGE	M	1
CAB-D3.0-MM-PK	CABLE DUPLEX 3.0MM OM1 PINK	M	1
CAB-D3.0-MM-PR	CABLE DUPLEX 3.0MM OM1 PURPLE	M	1
CAB-D3.0-MM-RD	CABLE DUPLEX 3.0MM OM1 RED	M	1
CAB-D3.0-MM-WH	CABLE DUPLEX 3.0MM OM1 WHITE	M	1

OM2 3MM DUPLEX CORD

CABLE DUPLEX 3.0MM OM2 ORANGE

Unit: M Qty: 1

Part No. CAB-D3.0-MM2-OR

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

OM3 3MM DUPLEX CORD

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

Part No.	Description	Unit	Qty
CAB-D3.0-MM3-AQ	CABLE DUPLEX 3.0MM OM3 AQUA	M	1
CAB-D3.0-MM3-PK	CABLE DUPLEX 3.0MM OM3 PINK	M	1

OM4 3MM DUPLEX CORD

CABLE DUPLEX 3.0MM OM4 ERIKA VIOLET

Unit: M Qty: 1

Part No. CAB-D3.0-MM4-EV

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex zip cord/figure-8 construction
- Easy to strip and terminate

SM 3MM DUPLEX CORD

- A reliable cable in a variety of jacket sizes and colours to suit a range of applications
- LSZH outer sheath
- Duplex Zip cord/Figure-8 construction
- Easy to strip and terminate

Part No.	Description	Unit	Qty
CAB-D3.0-SM	CABLE DUPLEX 3.0MM OS1 BLACK	M	1
CAB-D3.0-SM-BL	CABLE DUPLEX 3.0MM OS1 BLUE	M	1
CAB-D3.0-SM-PK	CABLE DUPLEX 3.0MM OS1 PINK	M	1
CAB-D3.0-SM-PR	CABLE DUPLEX 3.0MM OS1 PURPLE	M	1
CAB-D3.0-SM-RD	CABLE DUPLEX 3.0MM OS1 RED	M	1
CAB-D3.0-SM-YL	CABLE DUPLEX 3.0MM OS1 YELLOW	M	1

TIGHT BUFFERED INDOOR OUTDOOR RISER

INDOOR OUTDOOR RISER OM1

- Riser cable constructed from 900um made from PVC tight buffered fibres
- LSZH outer sheath
- Flexible and lightweight
- Dry block, water-swellable, aramid reinforcing blocking yarns

Part No.	Description	Unit	Qty
CAB-IOR-02-MM-OR	2F INDOOR/OUTDOOR RISER CABLE OM1 ORANGE	M	1
CAB-IOR-02-MM	2F INDOOR/OUTDOOR RISER CABLE OM1 BLACK	M	1
CAB-IOR-04-MM	4F INDOOR/OUTDOOR RISER CABLE OM1 BLACK	M	1
CAB-IOR-06-MM	6F INDOOR/OUTDOOR RISER CABLE OM1 BLACK	M	1
CAB-IOR-08-MM	8F INDOOR/OUTDOOR RISER CABLE OM1 BLACK	M	1
CAB-IOR-12-MM	12F INDOOR/OUTDOOR RISER CABLE OM1 BLACK	M	1

INDOOR OUTDOOR RISER OM3

- Riser cable constructed from 900um made from PVC tight buffered fibres
- LSZH outer sheath
- Flexible and lightweight
- Dry block, water-swellable, aramid reinforcing blocking yarns

Part No.	Description	Unit	Qty
CAB-IOR-02-MM3-AQ	2F INDOOR OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-04-MM3-AQ	4F INDOOR/OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-06-MM3-AQ	6F INDOOR/OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-06-MM3	6F INDOOR/OUTDOOR RISER CABLE OM3 BLACK	M	1
CAB-IOR-06-MM3-BL	6F INDOOR/OUTDOOR RISER CABLE OM3 BLUE	M	1
CAB-IOR-06-MM3-PK	6F INDOOR/OUTDOOR RISER CABLE OM3 PINK	M	1
CAB-IOR-06-MM3-RD	6F INDOOR/OUTDOOR RISER CABLE OM3 RED	M	1
CAB-IOR-08-MM3-AQ	8F INDOOR/OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-12-MM3-AQ	12F INDOOR/OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-12-MM3	12F INDOOR/OUTDOOR RISER CABLE OM3 BLACK	M	1
CAB-IOR-12-MM3-PK	12F INDOOR/OUTDOOR RISER CABLE OM3 PINK	M	1
CAB-IOR-24-MM3-AQ	24F INDOOR/OUTDOOR RISER CABLE OM3 AQUA	M	1
CAB-IOR-24-MM3	24F INDOOR/OUTDOOR RISER CABLE OM3 BLACK	M	1

FIBRE CABLE UNTERMINATED

INDOOR OUTDOOR RISER OM4

- Riser cable constructed from 900um made from PVC tight buffered fibres
- LSZH outer sheath
- Flexible and lightweight
- Dry block, water-swellable, aramid reinforcing blocking yarns

Part No.	Description	Unit	Qty
CAB-IOR-02-MM4-EV	2F INDOOR/OUTDOOR RISER CABLE OM4 EV	M	1
CAB-IOR-06-MM4-EV	6F INDOOR/OUTDOOR RISER CABLE OM4 EV	M	1
CAB-IOR-12-MM4-EV	12F INDOOR/OUTDOOR RISER CABLE OM4 EV	M	1
CAB-IOR-24-MM4-EV	24F INDOOR/OUTDOOR RISER CABLE OM4 EV	M	1

INDOOR OUTDOOR RISER SM

- Riser cable constructed from 900um made from PVC tight buffered fibres
- LSZH outer sheath
- Flexible and lightweight
- Dry block, water-swellable, aramid reinforcing blocking yarns

Part No.	Description	Unit	Qty
CAB-IOR-02-SM-YL	2F INDOOR/OUTDOOR RISER CABLE SM YELLOW	M	1
CAB-IOR-04-SM-YL	4F INDOOR/OUTDOOR RISER CABLE SM YELLOW	M	1
CAB-IOR-06-SM	6F INDOOR/OUTDOOR RISER CABLE SM BLACK	M	1
CAB-IOR-06-SM-YL	6F INDOOR/OUTDOOR RISER CABLE SM YELLOW	M	1
CAB-IOR-12-SM	12F INDOOR/OUTDOOR RISER CABLE SM BLACK	M	1
CAB-IOR-12-SM-YL	12F INDOOR/OUTDOOR RISER CABLE SM YELLOW	M	1
CAB-IOR-24-SM	24F INDOOR/OUTDOOR RISER CABLE SM BLACK	M	1
CAB-IOR-24-SM-YL	24F INDOOR/OUTDOOR RISER CABLE SM YELLOW	M	1

BELDEN OM3

- Halogen-free (FRNC/LSNH) UV resistant outer jacket
- Water blocking tape and swell-able yarn prevents moisture ingress
- Flame retardant to IEC 60332-2

Part No.	Description	Unit	Qty
BEL-GUMT304-BK	4 FIBRE OM3 INT/EXT RISER UV LSZH BLACK	M	1
BEL-GUMT306-BK	6 FIBRE OM3 INT/EXT RISER UV LSZH BLACK	M	1
BEL-GUMT308-BK	8 FIBRE OM3 INT/EXT RISER UV LSZH BLACK	EA	1
BEL-GUMT312-BK	12 FIBRE OM3 INT/EXT RISER UV LSZH BLACK	EA	1

BELDEN SM

- Halogen-free (FRNC/LSNH) UV resistant outer jacket
- Water blocking tape and swell-able yarn prevents moisture ingress
- Flame retardant to IEC 60332-2

Part No.	Description	Unit	Qty
BEL-GUMTA04-YL	4 F SM OS2 INT/EXT RISER UV LSZH YELLOW	EA	1
BEL-GUMTA06-YL	6 F SM OS2 INT/EXT RISER UV LSZH YELLOW	EA	1
BEL-GUMTA08-YL	8 F SM OS2 INT/EXT RISER UV LSZH YELLOW	EA	1
BEL-GUMTA12-YL	12 F SM OS2 INT/EXT RISER UV LSZH YELLOW	M	1

INDOOR OUTDOOR BREAKOUT OM1

- Breakout construction offers improved mechanical characteristics for use in harsh environments
- LSZH outer sheath
- Indoor/outdoor

Part No.	Description	Unit	Qty
CAB-IOB-06-MM	6F INDOOR/OUTDOOR BREAKOUT CABLE OM1	M	1
CAB-IOB-12-MM	12F INDOOR/OUTDOOR BREAKOUT CABLE OM1	M	1
CAB-IOB-24-MM	24F INDOOR/OUTDOOR BREAKOUT CABLE OM1	M	1

TIGHT BUFFERED MILITARY TACTICAL RISER

DISTRIBUTION OM1

- Re-deployable cable for harsh environments such as outside broadcast, sporting events, industrial, mining and military
- PU outer sheath
- Flexible, lightweight and extremely durable
- Flame retardant, UV resistant and water-blocked

Part No.	Description	Unit	Qty
CAB-IORM-06-MM	6F MIL TACTICAL DISTRIBUTION CABLE OM1	M	1
CAB-IORM-12-MM	12F MIL TACTICAL DISTRIBUTION CABLE OM1	M	1

DISTRIBUTION OM3

- Re-deployable cable for harsh environments such as outside broadcast, sporting events, industrial, mining and military
- PU outer sheath
- Flexible, lightweight and extremely durable
- Flame retardant, UV resistant and water-blocked

Part No.	Description	Unit	Qty
CAB-IORM-04-MM3	4F MIL TACTICAL DISTRIBUTION CABLE OM3	M	1
CAB-IORM-06-MM3	6F MIL TACTICAL DISTRIBUTION CABLE OM3	M	1
CAB-IORM-12-MM3	12F MIL TACTICAL DISTRIBUTION CABLE OM3	M	1

DISTRIBUTION SM

- Re-deployable cable for harsh environments such as outside broadcast, sporting events, industrial, mining and military
- PU outer sheath
- Flexible, lightweight and extremely durable
- Flame retardant, UV resistant and water-blocked

Part No.	Description	Unit	Qty
CAB-IORM-02-SM	2F MIL TACTICAL DISTRIBUTION CABLE SM	M	1
CAB-IORM-06-SM	6F MIL TACTICAL DISTRIBUTION CABLE SM	M	1
CAB-IORM-12-SM	12F MIL TACTICAL DISTRIBUTION CABLE SM	M	1
CAB-IORM-24-SM	24F MIL TACTICAL DISTRIBUTION CABLE SM	M	1

FIBRE CABLE UNTERMINATED

BREAKOUT OM1

- Breakout construction offers improved mechanical characteristics for use in harsh environments such as military, mining and industrial
- PU outer sheath
- Flexible, lightweight and extremely durable
- Flame retardant, UV resistant and water-blocked

Part No.	Description	Unit	Qty
CAB-IOBM-06-MM	6F MIL TACTICAL BREAKOUT CABLE OM1	M	1
CAB-IOBM-12-MM	12F MIL TACTICAL BREAKOUT CABLE OM1	M	1

BREAKOUT SM

- Breakout construction offers improved mechanical characteristics for use in harsh environments such as military, mining and industrial
- PU outer sheath
- Flexible, lightweight and extremely durable
- Flame retardant, UV resistant and water-blocked

Part No.	Description	Unit	Qty
CAB-IOBM-06-SM	6F MIL TACTICAL BREAKOUT CABLE SM	M	1
CAB-IOBM-12-SM	12F MIL TACTICAL BREAKOUT CABLE SM	M	1

FIRE RATED MONO AND LOOSE TUBE

FIRE RATED MONO OM3

- Indoor Fire rated fibre to IEC 60331-25 120 minutes at 750 Degrees Celsius max increase in attenuation 0.5dB
- Jelly filled mono tube construction - red LSZH jacket
- Mica tape and glass yarns

Part No.	Description	Unit	Qty
CAB-MT-06-MM3FR	6F FIRE RATED MONO TUBE CABLE OM3	M	1
CAB-MT-12-MM3FR	12F FIRE RATED MONO TUBE CABLE OM3	M	1

FIRE RATED MONO SM

- Indoor Fire rated fibre to IEC 60331-25 120 minutes at 750 Degrees Celsius max increase in attenuation 0.5dB
- Jelly filled mono tube construction - red LSZH jacket
- Mica tape and glass yarns

Part No.	Description	Unit	Qty
CAB-MT-06-SMFR	6F FIRE RATED MONO TUBE CABLE SM	M	1
CAB-MT-12-SMFR	12F FIRE RATED MONO TUBE CABLE SM	M	1

LOOSE TUBE PE NYLON

LOOSE TUBE PE NYLON OM1

- Dry blocked central non-metallic strength member with fibres contained in jelly filled loose tubes (12/tube)
- Blue nylon jacket over PE sheath
- For direct burial underground use
- Insect-resistant nylon jacket

Part No.	Description	Unit	Qty
CAB-LT-04-MM	4F LOOSE TUBE CABLE OM1	M	1
CAB-LT-06-MM	6F LOOSE TUBE CABLE OM1	M	1
CAB-LT-08-MM	8F LOOSE TUBE CABLE OM1	M	1
CAB-LT-12-MM	12F LOOSE TUBE CABLE OM1	M	1
CAB-LT-24-MM	24F LOOSE TUBE CABLE OM1	M	1

LOOSE TUBE PE NYLON OM3

- Dry blocked central non-metallic strength member with fibres contained in jelly filled loose tubes (12/tube)
- Blue nylon jacket over PE sheath
- For direct burial underground use
- Insect-resistant nylon jacket

Part No.	Description	Unit	Qty
CAB-LT-06-MM3	6F LOOSE TUBE CABLE OM3	M	1
CAB-LT-12-MM3	12F LOOSE TUBE CABLE OM3	M	1
CAB-LT-24-MM3	24F LOOSE TUBE CABLE OM3	M	1

LOOSE TUBE PE NYLON OM4

- Dry blocked central non-metallic strength member with fibres contained in jelly filled loose tubes (12/tube)
- Blue nylon jacket over PE sheath
- For direct burial underground use
- Insect-resistant nylon jacket

Part No.	Description	Unit	Qty
CAB-LT-06-MM4	6F LOOSE TUBE CABLE OM4	M	1
CAB-LT-12-MM4	12F LOOSE TUBE CABLE OM4	M	1
CAB-LT-24-MM4	24F LOOSE TUBE CABLE OM4	M	1

LOOSE TUBE PE NYLON SM

- Dry blocked central non-metallic strength member with fibres contained in jelly filled loose tubes (12/tube)
- Blue nylon jacket over PE sheath
- For direct burial underground use
- Insect-resistant nylon jacket

Part No.	Description	Unit	Qty
CAB-LT-06-SM	6F LOOSE TUBE CABLE SM	M	1
CAB-LT-12-SM	12F LOOSE TUBE CABLE SM	M	1
CAB-LT-24-SM	24F LOOSE TUBE CABLE SM	M	1
CAB-LT-36-SM	36F LOOSE TUBE CABLE SM	M	1
CAB-LT-48-SM	48F LOOSE TUBE CABLE SM	M	1
CAB-LT-72-SM	72F LOOSE TUBE CABLE SM	M	1
CAB-LT-96-SM	96F LOOSE TUBE CABLE SM	M	1
CAB-LT-144-SM	144F LOOSE TUBE CABLE SM	M	1
CAB-LT-312-SM	312F LOOSE TUBE CABLE SM	M	1

LOOSE TUBE SACRIFICIAL SHEATH NYLON PE

LOOSE TUBE SHEATH NYLON PE SM

- A termite resistant loose tube cable featuring a sacrificial jacket, non-metallic strength member, gel filled tubes and a dry block core
- For use in both direct bury and conduit/duct application
- Blue UV and insect/termite resistant Nylon (Polyamide) jacket
- Black PE (Polyethylene) UV resistant inner sheath
- Polyester based rip cords for easy sheath removal

Part No.	Description	Unit	Qty
CAB-LT-06-SMSS	6F LOOSE TUBE PE SAC SHEATH CABLE SM	M	1
CAB-LT-12-SMSS	12F LOOSE TUBE PE SAC SHEATH CABLE SM	M	1
CAB-LT-24-SMSS	24F LOOSE TUBE PE SAC SHEATH CABLE SM	M	1
CAB-LT-48-SMSS	48F LOOSE TUBE PE SAC SHEATH CABLE SM	M	1
CAB-LT-60-SMSS	60F LOOSE TUBE PE SAC SHEATH CABLE SM	M	1

ARMOURED LOOSE TUBE CST PE NYLON CABLE

LOOSE TUBE CST PE NYLON OM1

- CST Corrugated Steel Tape Armour (rodent resistant)
- Blue UV and insect/termite resistant nylon (Polyamide) jacket
- Black PE (Polyethylene) inner sheath
- Polyester based rip cords for easy sheath removal

Part No.	Description	Unit	Qty
CAB-LT-06-MMCST	6F CST ARMOURED LOOSE TUBE CABLE OM1	M	1
CAB-LT-12-MMCST	12F CST ARMOURED LOOSE TUBE CABLE OM1	M	1

LOOSE TUBE CST PE NYLON SM

- CST Corrugated Steel Tape Armour (rodent resistant)
- Blue UV and insect/termite resistant nylon (Polyamide) jacket
- Black PE (Polyethylene) inner sheath
- Polyester based rip cords for easy sheath removal

Part No.	Description	Unit	Qty
CAB-LT-06-SMCST	6F CST ARMOURED LOOSE TUBE CABLE SM	M	1
CAB-LT-12-SMCST	12F CST ARMOURED LOOSE TUBE CABLE SM	M	1
CAB-LT-24-SMCST	24F CST ARMOURED LOOSE TUBE CABLE SM	M	1
CAB-LT-48-SMCST	48F CST ARMOURED LOOSE TUBE CABLE SM	M	1

12F CST ARMOURED LOOSE TUBE CABLE MM3 Unit: M Qty: 1

Part No. CAB-LT-12-MM3CST

- CST Corrugated Steel Tape Armour (rodent resistant)
- Blue UV and insect/termite resistant nylon (Polyamide) jacket
- Black PE (Polyethylene) inner sheath
- Polyester based rip cords for easy sheath removal

ARMOURED LOOSE TUBE CST PE CABLE

LOOSE TUBE CST PE

- Additional strength - provides protection against rodents
- PE/CST/PE Construction
- For direct burial, duct or cable tray use
- Superior rodent resistance

Part No.	Description	Unit	Qty
CAB-LT-24-SMCSTPE	24F CST ARMOURED PE LOOSE TUBE CABLE SM	M	1
CAB-LT-06-MMCSTPE	6F CST ARMOURED PE LOOSE TUBE CABLE OM1	M	1
CAB-LT-12-MMCSTPE	12F CST ARMOURED PE LOOSE TUBE CABLE OM1	M	1
CAB-LT-12-MM3CSTPE	12F ARMOURED PE LOOSE TUBE CABLE OM3		

MSS 19" Sliding Enclosure

The MSS 19" Rack Mount Sliding Enclosures offer the installer a premium product with a variety of features for easy direct termination or fusion splicing of cables due to its unique sliding tray system.

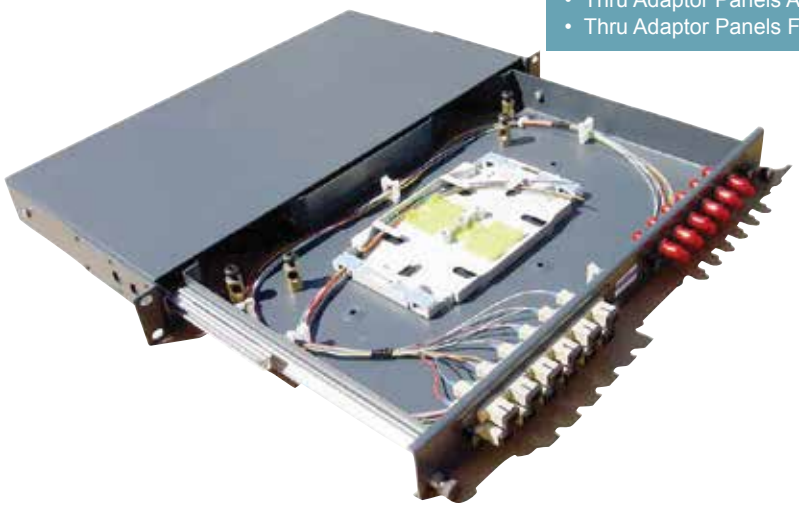
Its modular design provides the flexibility to choose from a variety of thru-adaptor types including ST, SC , FC, LC and MTRJ.

Splice cassettes are easily fitted via pre-installed mountings and the sliding tray allows technicians easy access back into the enclosure after installation for repairs and maintenance.

Features and Benefits

- Tough and durable steel design
- Supports a wide range of splice cassettes
- Utilises modular coupler panels to suit your connector type (see coupler panels)
- Quality 2 stage sliding mechanism
- Accommodates up to 96 fibres depending on selected enclosure
- Adjustable mounting brackets
- Angled rear cable mounts
- Comes with M20 gland, strength clamp and cable management clips

For **THRU ADAPTOR PANELS**, refer to the following sections:
- Flat Panel and Thru Adaptor Kits
- Thru Adaptor Panels Angled
- Thru Adaptor Panels Flat



RACK MOUNT SLIDING AND FIXED ENCLOSURE

RACK MOUNT ENCLOSURES

1RU FIXED ENCL (FOR 2 PANELS/24 FIBRE)

Unit: EA Qty: 1

Part No. 1RU-F-24MOD

- Compact, modular design with screw lid. Accepts various coupler panels and splice cassettes
- Tough and durable steel
- 20mm rear gland holes for cable entry
- Accommodates up to 24 fibres (48 for LC)
- Dimensions (mm): 436 H x 482 W x 246.6 D

1RU FIXED KIT WITH PANELS

Unit: KIT Qty: 1

Part No. 1RU-F-24MOD-KIT

- Fixed enclosure - includes flat coupler panels with numbered ports and splice cassette
- Left and right LC duplex panels numbered (12 ports per panel)
- Left and right SC duplex panels numbered (6 ports per panel)
- 1 Blank panel
- Dimensions (mm): 436 H x 482 W x 246.6 D

1RU SLIDING KIT (INC. 3X PANEL LC/SC/ST)

Unit: KIT Qty: 1

Part No. 1RU-S-24KIT

- All-in-one economy fibre enclosure. Includes panels to accept most connector styles, splice cassette and install accessories
- Interchangeable panels included (LC-48F, SC-48F, ST-24F)
- Detachable rear plate for larger cable entry
- Lightweight - no exposed screws
- Dimensions (mm): 45 H x 530 W x 250 D

1RU SLIDING ENCL (FOR 2 PANELS/24 FIBRE) Unit: EA Qty: 1

Part No. 1RU-S-24MOD

- Sliding enclosure - a premium product for direct termination or fusion splicing with its unique sliding tray. Made of tough and durable steel
- Accepts 2 coupler panels
- 20mm rear gland holes for cable entry
- Accommodates up to 24 fibres (48 for LC)
- Dimensions (mm): 43.6 H x 482 W x 296 D

1RU SLIDING KIT WITH PANELS (SC & LC) Unit: KIT Qty: 1

Part No. 1RU-S-24MOD-KIT

- Sliding enclosure - for direct termination or fusion splicing. Includes flat coupler panels with numbered ports and splice cassette
- Left and right LC duplex panels numbered (12 ports per panel)
- Left and right SC duplex panels numbered (6 ports per panel)
- 1x Blank panel
- Dimensions (mm): 43.6 H x 482 W x 296 D

1RU HIGH DENSITY PIVOT PANEL - 48 SCS Unit: EA Qty: 1

Part No. 1RU-ODF-48SCS

- 48 SC Simplex or LC Duplex connections
- Angled adaptors for reduced bend losses
- Fully integrated fibre management
- High flow ventilation
- Dimensions (mm): 44 H x 479 W x 282.5 D

2RU SLIDING ENCL (FOR 4 PANELS/48 FIBRE) Unit: EA Qty: 1

Part No. 2RU-S-48MOD

- A premium product for direct termination or fusion splicing with its unique sliding tray, made of tough and durable steel
- Accepts various coupler panels and splice trays
- Accommodates up to 48 fibres (96 for LC)
- Comes with M20 gland, strength clamp and cable management clips
- Dimensions (mm): 88 H x 482 W x 296 D

3RU SLIDING ENCL (FOR 8 PANELS/96 FIBRE) Unit: EA Qty: 1

Part No. 3RU-S-96MOD

- A premium product for direct termination or fusion splicing with its unique sliding tray. Made of tough and durable steel
- Accepts various coupler panels and splice trays
- Accommodates up to 96 fibres (192 for LC)
- Comes with M20 gland, strength clamp and cable management clips
- Dimensions (mm): 131 H x 482 W x 296 D

1RU MTP ENCLOSURE - FOR 3X CASSETTE Unit: EA Qty: 1

Part No. MTP-1RU

- Sliding Enclosure
- Accepts up to 3x LGX MTP/MPO cassettes
- Multiple rear cable entry points
- Accommodates up to 72 fibres
- Dimensions (mm): 45 H x 530 W x 250 D

FIBRE ENCLOSURES

WALL MOUNT ENCLOSURES

MSF WALL MOUNT ENCLOSURES

WALL BOX (FOR 1 PANEL/12 FIBRE) Unit: EA Qty: 1

Part No. WB-12MOD

- Utilises modular coupler panels to suit various connector types
- Accommodates up to 24 Fibres (via LC Duplex)
- Access via screw lid
- Small compact design: 207mmH x 207mmW x 43.6mmD
- 20mm gland holes for cable entry

WALL BOX (FOR 1-2 PANELS/12-24 FIBRE) Unit: EA Qty: 1

Part No. WB-12/24MOD

- Utilises modular coupler panels to suit various connector types
- Accommodates up to 48 Fibres (via LC Duplex)
- Access via screw lid
- Small compact design: 207mmH x 207mmW x 73mmD
- 20mm gland holes for cable entry

WALL BOX (FOR 2 PANELS/24 FIBRE) Unit: EA Qty: 1

Part No. WB-24MOD

- Heavy-duty hinge mechanism with lockable door. Hinged at back of enclosures
- Tough and durable steel design
- Small compact design
- Dimensions (mm): 260 H x 333 W x 100 D

WALL BOX (FOR 2 PANELS/24 FIBRE) Unit: EA Qty: 1

Part No. WB-24MOD-TH

- Heavy-duty hinge mechanism
- Tough and durable steel design
- Tough and durable
- Small compact design
- Dimensions (mm): 260 H x 333 W x 100 D

WALL BOX (FOR 4 PANELS/48 FIBRE) Unit: EA Qty: 1

Part No. WB-48MOD

- Heavy-duty hinge mechanism with lockable door. Hinged at back of enclosures
- Tough and durable steel design
- Small compact design
- Dimensions (mm): 330 H x 403 W x 100 D

WALL BOX (FOR12-FIBRE SC DUPLEX)IP RATED Unit: EA Qty: 1

Part No. WB-12-SCD-IP

- IP65 rating for external use with lockable door for added security
- Includes 6-way SC Duplex adaptor panel
- Accepts SC Duplex and LC Quad thru adaptors
- Tough and durable small compact design
- Dimensions (mm): 275 H x 197 W x 65 D

WALL BOX FOR 24-FIBRE SC SIMPLEX IPRATED

Unit: EA Qty: 1

Part No. WB-24-SCS-IP

- IP65 rating for external use with lockable door for added security
- Includes 24-way SC Simplex adaptor panel
- Accepts SC Simplex and LC Duplex thru adaptors
- Tough and durable small compact design
- Dimensions (mm): 355 H x 280 W x 100 D

DIN RAIL MOUNT ENCLOSURES

DIN RAIL MOUNT ENCLOSURE

WALL BOX (1 PANEL/12 FIBRE) DIN MOUNT

Unit: EA Qty: 1

Part No. WB-12MOD-DIN

- Compact size makes them very easy to install and remove
- Ideal for pre-terminated cable assemblies/direct terminations
- Accommodates up to 12 x SC Simplex or LC Duplex thru adaptors
- Allow for fusion splicing pigtails to incoming loose tube cable

MODULE OM3 (NO HOUSING)

- A component of the MIPP - a modular, flexible patch panel system that can combine both copper and fibre into one innovative solution
- Pigtails/Connectors are sold separately
- Module only - up to 12 Fibres via included duplex adaptors
- Top and bottom cable entry for ring topology applications

Part No.	Description	Unit	Qty
BEL-XX3M	MODULE ONLY OM3 LC X 6D	EA	1
BEL-XX3N	MODULE ONLY OM3 SC X 6D	EA	1
BEL-XX3O	MODULE ONLY OM3 ST X 6D	EA	1

MODULE OM3 WITH CONNECTORS (NO HOUSING)

- A component of the MIPP - a modular, flexible patch panel system that can combine both copper and fibre into one innovative solution
- Includes 12 Brilliance OM3 Mechanical Splice Connectors
- Module only - up to 12 fibres via 6 OM3 duplex thru adaptors
- Top and bottom cable entry for ring topology applications

Part No.	Description	Unit	Qty
BEL-XX3A	MODULE ONLY OM3 LC X 6D C/W CONNECTORS	EA	1
BEL-XX3B	MODULE ONLY OM3 SC X 6D C/W CONNECTORS	EA	1

MODULE SM (NO HOUSING)

- A component of the MIPP - a modular, flexible patch panel system that can combine both copper and fibre into one innovative solution
- Pigtails/Connectors are sold separately
- Module only - up to 12 Fibres via included duplex adaptors
- Top and bottom cable entry for ring topology applications

Part No.	Description	Unit	Qty
BEL-XXSM	MODULE ONLY SM LC X 6D	EA	1
BEL-XXSN	MODULE ONLY SM SC X 6D	EA	1
BEL-XXSO	MODULE ONLY SM ST X 6D	EA	1

MODULE SM WITH CONNECTORS (NO HOUSING)

- A component of the MIPP - a modular, flexible patch panel system that can combine both copper and fibre into one innovative solution
- Includes 12 Brilliance SM Mechanical Splice Connectors
- Module only - up to 12 fibres via 6 SM duplex thru adaptors
- Top and bottom cable entry for ring topology applications

Part No.	Description	Unit	Qty
BEL-XXSA	MODULE ONLY SM LC X 6D C/W CONNECTORS	EA	1
BEL-XXSB	MODULE ONLY SM SC X 6D C/W CONNECTORS	EA	1

MIPP OM3

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- Compact size takes up minimal space in a cabinet
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-AD3M	MIPP OM3 LC X 6D	EA	1
BEL-AD3N	MIPP OM3 SC X 6D	EA	1
BEL-AD3O	MIPP OM3 ST X 6D	EA	1
BEL-BD3M3M	MIPP OM3 LC X 12D	EA	1
BEL-BD3N3N	MIPP OM3 SC X 12D	EA	1
BEL-BD3O3O	MIPP OM3 ST X 12D	EA	1

MIPP OM3 WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- Compact size takes up minimal space in a cabinet
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Includes 12 Brilliance OM3 LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-AD3A	MIPP OM3 LC X 6D	EA	1
BEL-AD3B	MIPP OM3 SC X 6D	EA	1
BEL-BD3A3A	MIPP OM3 LC X 12D	EA	1
BEL-BD3A3B	MIPP OM3 LC X 6D OM3 SC X 6D	EA	1
BEL-BD3B3B	MIPP OM3 SC X 12D	EA	1

MIPP OM3 SM WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- Compact size takes up minimal space in a cabinet
- Accommodates up to 24 fibres via 6 LC OM3 and 6 LC SM duplex adaptor
- Includes 12 LC OM3 and 12 LC SM Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-BD3ASA	MIPP OM3 LC X 6D SM LC X 6D	EA	1
BEL-BD3ASB	MIPP OM3 LC X 6D SM SC X 6D	EA	1

MIPP CAT6 UTP OM3

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 UTP Jacks
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-BD6A3M	MIPP C6/UTP X 2 OM3 LC X 6D	EA	1
BEL-BD6A3N	MIPP C6/UTP X 2 OM3 SC X 6D	EA	1
BEL-BD6B3O	MIPP C6/UTP X 4 OM3 ST X 6D	EA	1
BEL-BD6B3M	MIPP C6/UTP X 4 OM3 LC X 6D	EA	1
BEL-BD6B3N	MIPP C6/UTP X 4 OM3 SC X 6D	EA	1
BEL-BD6A3O	MIPP C6/UTP X 2 OM3 ST X 6D	EA	1

MIPP CAT6 UTP OM3 WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 UTP Jacks
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Includes 12 Brilliance OM3 LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-BD6A3A	MIPP C6/UTP X 2 OM3 LC X 6D	EA	1
BEL-BD6A3B	MIPP C6/UTP X 2 OM3 SC X 6D	EA	1
BEL-BD6B3A	MIPP C6/UTP X 4 OM3 LC X 6D	EA	1
BEL-BD6B3B	MIPP C6/UTP X 4 OM3 SC X 6D	EA	1

MIPP CAT6 STP OM3

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 STP Jacks
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-BD6C3M	MIPP C6/STP X 2 OM3 LC X 6D	EA	1
BEL-BD6C3N	MIPP C6/STP X 2 OM3 SC X 6D	EA	1
BEL-BD6C3O	MIPP C6/STP X 2 OM3 ST X 6D	EA	1
BEL-BD6D3M	MIPP C6/STP X 4 OM3 LC X 6D	EA	1
BEL-BD6D3N	MIPP C6/STP X 4 OM3 SC X 6D	EA	1
BEL-BD6D3O	MIPP C6/STP X 4 OM3 ST X 6D	EA	1

MIPP CAT6 STP OM3 WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 STP Jacks
- Accommodates up to 12 fibres via 6 OM3 LC duplex thru adaptors
- Includes 12 Brilliance OM3 LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-BD6C3A	MIPP C6/STP X 2 OM3 LC X 6D	EA	1
BEL-BD6C3B	MIPP C6/STP X 2 OM3 SC X 6D	EA	1
BEL-BD6D3A	MIPP C6/STP X 4 OM3 LC X 6D	EA	1
BEL-BD6D3B	MIPP C6/STP X 4 OM3 SC X 6D	EA	1

FIBRE ENCLOSURES

MIPP SM

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- Compact size takes up minimal space in a cabinet
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-ADSM	MIPP SM LC X 6D	EA	1
BEL-ADSN	MIPP SM SC X 6D	EA	1
BEL-ADSO	MIPP SM ST X 6D	EA	1
BEL-BDSMSM	MIPP SM LC X 12D	EA	1
BEL-BDSNSN	MIPP SM SC X 12D	EA	1
BEL-BDSOSO	MIPP SM ST X 12D	EA	1

MIPP SM WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- Compact size takes up minimal space in a cabinet
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Includes 12 Brilliance SM LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-ADSA	MIPP SM LC X 6D	EA	1
BEL-ADSB	MIPP SM SC X 6D	EA	1
BEL-BDSASA	MIPP SM LC X 12D	EA	1
BEL-BDSASB	MIPP SM LC X 6D SM SC X 6D	EA	1
BEL-BDSBSB	MIPP SM SC X 12D	EA	1

MIPP CAT6 UTP SM

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 UTP Jacks
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-BD6ASM	MIPP C6/UTP X 2 SM LC X 6D	EA	1
BEL-BD6ASN	MIPP C6/UTP X 2 SM SC X 6D	EA	1
BEL-BD6ASO	MIPP C6/UTP X 2 SM ST X 6D	EA	1
BEL-BD6BSM	MIPP C6/UTP X 4 SM LC X 6D	EA	1
BEL-BD6BSN	MIPP C6/UTP X 4 SM SC X 6D	EA	1
BEL-BD6BSO	MIPP C6/UTP X 4 SM ST X 6D	EA	1

MIPP CAT6 UTP SM WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 UTP Jacks
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Includes 12 Brilliance SM LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-BD6ASA	MIPP C6/UTP X 2 SM LC X 6D	EA	1
BEL-BD6ASB	MIPP C6/UTP X 2 SM SC X 6D	EA	1
BEL-BD6BSA	MIPP C6/UTP X 4 SM LC X 6D	EA	1
BEL-BD6BSB	MIPP C6/UTP X 4 SM SC X 6D	EA	1

MIPP CAT6 STP SM

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 STP Jacks
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Pigtails and Fibre Connectors are sold separately

Part No.	Description	Unit	Qty
BEL-BD6CSM	MIPP C6/STP X 2 SM LC X 6D	EA	1
BEL-BD6CSN	MIPP C6/STP X 2 SM SC X 6D	EA	1
BEL-BD6CSO	MIPP C6/STP X 2 SM ST X 6D	EA	1
BEL-BD6DSM	MIPP C6/STP X 4 SM LC X 6D	EA	1
BEL-BD6DSN	MIPP C6/STP X 4 SM SC X 6D	EA	1
BEL-BD6DSO	MIPP C6/STP X 4 SM ST X 6D	EA	1

MIPP CAT6 STP SM WITH CONNECTORS

- DIN rail mount Modular Industrial Patch Panel (MIPP) that can combine both copper and fibre into one innovative solution
- 4 port module that includes 2 cat6 STP Jacks
- Accommodates up to 12 fibres via 6 SM LC duplex thru adaptors
- Includes 12 Brilliance SM LC Mechanical Splice Connectors

Part No.	Description	Unit	Qty
BEL-BD6CSA	MIPP C6/STP X 2 SM LC X 6D	EA	1
BEL-BD6CSB	MIPP C6/STP X 2 SM SC X 6D	EA	1
BEL-BD6DSA	MIPP C6/STP X 4 SM LC X 6D	EA	1
BEL-BD6DSB	MIPP C6/STP X 4 SM SC X 6D	EA	1

ACCESSORIES

ACCESSORIES

BAG OF BITS FOR ENCLOSURE

Unit: EA Qty: 1

Part No. BAG-BITS

- Accessories for cable management within enclosures and wall boxes
- Includes gland cable clamp for securing cable strength member
- Includes cable clips and cable ties for managing multiple cores

1RU SLIDING STORAGE TRAY

Unit: EA Qty: 1

Part No. 1RU-STORAGE

- A premium choice in patch lead management. Housing slack of patch leads via front and rear access
- Holds various lengths of patch leads via front and rear access
- Slides for wider opening and better access
- Extendable double slide rails for smooth sliding

HEYCO SMALL CABLE CLIP - PLASTIC

Unit: EA Qty: 1

Part No. CABLE-CLIP-SM

- Small Heyco cable clip used for management and routing of fibres within an enclosure
- Suits MSS branded enclosure
- Made from white plastic

STRENGTH MEMBER CLAMP ASSEMBLY

Unit: EA Qty: 1

Part No. CABLE-CLAMP

- Constructed from sturdy brass and featuring dual screws from strong clamping ability
- Suits MSS branded enclosure

FLAT PANEL AND THRU ADAPTOR KITS

LC DUPLEX KIT UN-NUMBERED

- 12 Fibre Flat Panel supplied with 6x LC Duplex Thru adaptors
- 6 Ports with max. capacity of 12 fibre via LC Duplex
- Panel is un-labelled
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-LD12FBN-M1	PNL KIT FLAT 12F LCD OM1 INC THRU	KIT	1
PF-LD12FBN-M3	PNL KIT FLAT 12F LCD OM3 INC THRU	KIT	1
PF-LD12FBN-M4	PNL KIT FLAT 12F LCD OM4 INC THRU	KIT	1
PF-LD12FBN-SM	PNL KIT FLAT 12F LCD SM INC THRU	KIT	1

ST SIMPLEX KIT UN-NUMBERED

- 6 Fibre Flat Panel supplied with 6x ST Simplex Thru adaptors
- 6 Ports with max. capacity of 6 fibre via ST Simplex
- Panel is un-labelled
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-STS06FBN-M1	PNL KIT FLAT 6F ST MM INC THRU	KIT	1
PF-STS06FBN-SM	PNL KIT FLAT 6F ST SM INC THRU	KIT	1

LC DUPLEX KIT NUMBERED 1-12

- 24 Fibre Flat Panel supplied with 12x LC Duplex Thru adaptors
- 12 Ports with max. capacity of 24 fibre via LC Duplex
- Panel is labelled 1-12
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-LD24F1/12N-M1	PNL KIT FLAT 24F LCD OM1 1-12 INC THRU	KIT	1
PF-LD24F1/12N-M3	PNL KIT FLAT 24F LCD OM3 1-12 INC THRU	KIT	1
PF-LD24F1/12N-M4	PNL KIT FLAT 24F LCD OM4 1-12 INC THRU	KIT	1
PF-LD24F1/12N-SM	PNL KIT FLAT 24F LCD SM 1-12 INC THRU	KIT	1

LC DUPLEX KIT NUMBERED 13-24

- 24 Fibre Flat Panel supplied with 12x LC Duplex Thru adaptors
- 12 Ports with max. capacity of 24 fibre via LC Duplex
- Panel is labelled 13-24
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-LD24F13/24N-M1	PNL KIT FLAT 24F LCD OM1 13-24 INC THRU	KIT	1
PF-LD24F13/24N-M3	PNL KIT FLAT 24F LCD OM3 13-24 INC THRU	KIT	1
PF-LD24F13/24N-M4	PNL KIT FLAT 24F LCD OM4 13-24 INC THRU	KIT	1
PF-LD24F13/24N-SM	PNL KIT FLAT 24F LCD SM 13-24 INC THRU	KIT	1

SC DUPLEX KIT NUMBERED 1-12

- 12 Fibre Flat Panel supplied with 6x SC Duplex Thru adaptors
- 6 Ports with max. capacity of 12 fibre via SC Duplex
- Panel is labelled 1-12
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-SD12F1/12N-M1	PNL KIT FLAT 12F SCD OM1 1-12 INC THRU	KIT	1
PF-SD12F1/12N-M3	PNL KIT FLAT 12F SCD OM3 1-12 INC THRU	KIT	1
PF-SD12F1/12N-M4	PNL KIT FLAT 12F SCD OM4 1-12 INC THRU	KIT	1
PF-SD12F1/12N-SM	PNL KIT FLAT 12F SCD SM 1-12 INC THRU	KIT	1

SC DUPLEX KIT NUMBERED 13-24

- 12 Fibre Flat Panel supplied with 6x SC Duplex Thru adaptors
- 6 Ports with max. capacity of 12 fibre via SC Duplex
- Panel is labelled 13-24
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-SD12F13/24N-M1	PNL KIT FLAT 12F SCD OM1 13-24 INC THRU	KIT	1
PF-SD12F13/24N-M3	PNL KIT FLAT 12F SCD OM3 13-24 INC THRU	KIT	1
PF-SD12F13/24N-M4	PNL KIT FLAT 12F SCD OM4 13-24 INC THRU	KIT	1
PF-SD12F13/24N-SM	PNL KIT FLAT 12F SCD SM 13-24 INC THRU	KIT	1

ST SIMPLEX KIT NUMBERED 1-12

- 12 Fibre Flat Panel supplied with 12x ST Simplex Thru adaptors
- 12 Ports with max. capacity of 12 fibre via ST Simplex
- Panel is labelled 1-12
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-STS12F1/12N-MM	PNL KIT FLAT 12F ST MM 1-12 INC THRU	KIT	1
PF-STS12F1/12N-SM	PNL KIT FLAT 12F ST SM 1-12 INC THRU	KIT	1

ST SIMPLEX KIT NUMBERED 13-24

- 12 Fibre Flat Panel supplied with 12x ST Simplex Thru adaptors
- 12 Ports with max. capacity of 12 fibre via ST Simplex
- Panel is labelled 13-24
- Compatible with MSSF Wall Mount and Rack Mount Enclosures

Part No.	Description	Unit	Qty
PF-STS12F13/24N-MM	PNL KIT FLAT 12F ST MM 13-24 INC THRU	KIT	1
PF-STS12F13/24N-SM	PNL KIT FLAT 12F ST SM 13-24 INC THRU	KIT	1

THRU ADAPTOR PANELS ANGLED

LC DUPLEX/SC SIMPLEX PANEL ANGLED UN-NUMBERED

PANEL ANGLED (SC SPX 6 PORT) Unit: EA Qty: 1

Part No. PNL-SC6-S-A

- Compatible with LC duplex/SC simplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

SC DX/LC QUAD PANEL ANGLED RIGHT - NUMBERED

- Compatible with SC duplex/LC quad thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

Part No.	Description	Unit	Qty
PNL-SC12-D-A1/12R	PANEL ANGLED (SC DPX 6 PORT 1-12) R/H	EA	1
PNL-SC12-D-A13/24R	PANEL ANGLED (SC DPX 6 PORT 13-24) R/H	EA	1
PNL-SC12-D-A25/36R	PANEL ANGLED (SC DPX 6 PORT 25-36) R/H	EA	1
PNL-SC12-D-A37/48R	PANEL ANGLED (SC DPX 6 PORT 37-48) R/H	EA	1
PNL-SC12-D-A49/60R	PANEL ANGLED (SC DPX 6 PORT 49-60) R/H	EA	1
PNL-SC12-D-A61/72R	PANEL ANGLED (SC DPX 6 PORT 61-72) R/H	EA	1
PNL-SC12-D-A73/84R	PANEL ANGLED (SC DPX 6 PORT 73-84) R/H	EA	1
PNL-SC12-D-A85/96R	PANEL ANGLED (SC DPX 6 PORT 85-96) R/H	EA	1

LC DX/SC SX PANEL ANGLED RIGHT - NUMBERED

- Compatible with LC duplex/SC simplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

Part No.	Description	Unit	Qty
PNL-SC12-S-A-1/12R	PANEL ANGLED (SC SPX 12 PORT 1-12) R/H	EA	1
PNL-SC12-S-A13/24R	PANEL ANGLED (SC SPX 12 PORT 13-24) R/H	EA	1

LC DX/SC SX PANEL ANGLED LEFT - NUMBERED

PANEL ANGLED (SC SPX 12 PORT 1-12) L/H

Unit: EA Qty: 1

Part No. PNL-SC12-S-A-1/12L

- Compatible with LC duplex/SC simplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

SC DX/LC QUAD PANEL ANGLED LEFT - NUMBERED

- Compatible with SC duplex/LC quad thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

Part No.	Description	Unit	Qty
PNL-SC12-D-A1/12L	PANEL ANGLED (SC DPX 6 PORT 1-12) L/H	EA	1
PNL-SC12-D-A13/24L	PANEL ANGLED (SC DPX 6 PORT 13-24) L/H	EA	1
PNL-SC12-D-A25/36L	PANEL ANGLED (SC DPX 6 PORT 25-36) L/H	EA	1
PNL-SC12-D-A37/48L	PANEL ANGLED (SC DPX 6 PORT 37-48) L/H	EA	1
PNL-SC12-D-A49/60L	PANEL ANGLED (SC DPX 6 PORT 49-60) L/H	EA	1
PNL-SC12-D-A61/72L	PANEL ANGLED (SC DPX 6 PORT 61-72) L/H	EA	1
PNL-SC12-D-A73/84L	PANEL ANGLED (SC DPX 6 PORT 73-84) L/H	EA	1
PNL-SC12-D-A85/96L	PANEL ANGLED (SC DPX 6 PORT 85-96) L/H	EA	1

FIBRE ENCLOSURES

ST SIMPLEX PANEL ANGLED LEFT - NUMBERED

PANEL ANGLED (ST SPX 12 PORT 1-12) L/H

Unit: EA Qty: 1

Part No. PNL-ST12-A1/12L

- Compatible with ST simplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

PANEL ANGLED (ST SPX 12 PORT 1-12) R/H

Unit: EA Qty: 1

Part No. PNL-ST12-A1/12R

- Compatible with ST simplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

PANEL ANGLED (ST SPX 12 PORT 13/24) R/H

Unit: EA Qty: 1

Part No. PNL-ST12-A13/24R

- Compatible with ST simplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Angled construction reduces patch lead bend radius

THRU ADAPTOR PANELS FLAT

SC DUPLEX/LC QUAD PANEL UN-NUMBERED

PANEL FLAT (SC DPX 6 PORT)

Unit: EA Qty: 1

Part No. PNL-SC12-D-F

- Compatible with SC Duplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

LC DUPLEX/SC SIMPLEX PANEL UN-NUMBERED

PANEL FLAT (SC SPX 6 PORT)

Unit: EA Qty: 1

Part No. PNL-SC6-S-F

- Compatible with LC duplex/SC simplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

PANEL FLAT (SC SPX 12 PORT)

Unit: EA Qty: 1

Part No. PNL-SC12-S-F

- Made of sturdy steel construction
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

SC DUPLEX/LC QUAD PANEL - NUMBERED

- Compatible with SC Duplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

Part No.	Description	Unit	Qty
PNL-SC12-D-F1/12	PANEL FLAT (SC DPX 6 PORT 1-12)	EA	1
PNL-SC12-D-F13/24	PANEL FLAT (SC DPX 6 PORT 13-24)	EA	1

ST SIMPLEX PANEL UN-NUMBERED

- Compatible with ST simplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

Part No.	Description	Unit	Qty
PNL-ST6-F	PANEL FLAT (ST SPX 6 PORT)	EA	1
PNL-ST12-F	PANEL FLAT (ST SPX 12 PORT)	EA	1

MSF BLANK PANELS

PANEL FLAT (BLANK)

Unit: EA Qty: 1

Part No. PNL-BLK-F

- Blank panel for future expansion
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

LC DUPLEX/SC SIMPLEX PANEL - NUMBERED

- Compatible with LC duplex/SC simplex thru adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

Part No.	Description	Unit	Qty
PNL-SC12-S-F1/12	PANEL FLAT (SC SPX 12 PORT 1-12)	EA	1
PNL-SC12-S-F13/24	PANEL FLAT (SC SPX 12 PORT 13-24)	EA	1

BELDEN LC DUPLEX

ADAPTOR STRIP FX 6 X LCD SM

Unit: EA Qty: 1

Part No. BEL-AX101731

- Loaded 6 LC Duplex Single mode Adaptors
- Colour: Black
- Dust caps included
- Backbone, Telecommunications and Main Distribution Rooms

PIGTAILS ULTRA FRAME FX 12 X LCD OS2

Unit: EA Qty: 1

Part No. BEL-AX103615

- FibreExpress Ultra Frame with colour coded Pigtails
- 24-fibre
- Single-Mode (OS2), LC-Duplex/UPC

BELDEN BLANK

ADAPTOR STRIP FX BLANK PLATE

Unit: EA Qty: 1

Part No. BEL-AX100066

- FiberExpress adaptor strip blank plate
- Colour: Black
- Backbone, Telecommunications and Main Distribution Room
- For use with any Belden FibreExpress patch panel

ST SIMPLEX PANEL - NUMBERED

- Compatible with ST simplex adaptors
- Clipped for modularity into MSS Fibre enclosures and wall boxes
- Flat construction

Part No.	Description	Unit	Qty
PNL-ST12-F1/12	PANEL FLAT (ST SPX 12 PORT 1-12)	EA	1
PNL-ST12-F13/24	PANEL FLAT (ST SPX 12 PORT 13-24)	EA	1

THRU ADAPTORS AND COUPLERS REDUCED FLANGE

FC THRU ADAPTORS

- Flangeless design with metal flat nut for securing into adaptor panel and precision ceramic sleeve for improved reliability - DD style cut-out
- Colour coded to Telcordia and IEC standards
- Includes dust caps

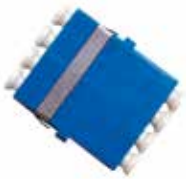
Part No.	Description	Unit	Qty
THRU-FC-DD-SM	FC SINGLEMODE SIMPLEX THRU-ADAPTOR	PAK	6
THRU-FC-DD-MM	FC MULTIMODE SIMPLEX THRU-ADAPTOR	PAK	6

LC DUPLEX THRU ADAPTORS

- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

Part No.	Description	Unit	Qty
THRU-LC-D-SM	LC SINGLEMODE DUPLEX THRU-ADAPTOR	PAK	6
THRU-LC-D-MM	LC MULTIMODE DUPLEX THRU-ADAPTOR	PAK	6
THRU-LC-D-MM3	LC MULTIMODE AQUA DUPLEX THRU-ADAPTOR	PAK	6
THRU-LC-D-MM4	LC MULTIMODE OM4 DUPLEX THRU-ADAPTOR	PAK	6

LC QUAD THRU ADAPTORS



- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

Part No.	Description	Unit	Qty
THRU-LC-QUAD-SM	LC SINGLEMODE QUAD THRU - ADAPTOR	PAK	6
THRU-LC-QUAD-MM	LC MULTIMODE QUAD THRU - ADAPTOR	PAK	6
THRU-LC-QUAD-MM3	LC OM3 QUAD THRU ADAPTOR - AQUA	PAK	6
THRU-LC-QUAD-MM4	LC OM4 QUAD THRU ADAPTOR - ERIKA VIOLET	PAK	6

MTRJ THRU ADAPTORS

MTRJ MULTIMODE THRU-ADAPTOR OM1/OM3/OM4

Unit: PAK Qty: 6

Part No. THRU-MTRJ-MM

- Metal aperture latching clip
- Colour coded to Telcordia and IEC Standards
- Dust caps applied as standard
- Reduced flange

MTRJ MM THRU-ADAPTOR OM1/OM3/OM4 FLANGE

Unit: PAK Qty: 6

Part No. THRU-MTRJ-MM-FL

- Featuring metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC standards
- Includes dust caps

SC SIMPLEX THRU ADAPTORS

- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

Part No.	Description	Unit	Qty
THRU-SC-S-SM	SC SINGLEMODE SIMPLEX THRU-ADAPTOR	PAK	6
THRU-SC-S-MM	SC MULTIMODE SIMPLEX THRU-ADAPTOR	PAK	6
THRU-SC-S-MM3	SC MULTIMODE AQUA SIMPLEX THRU-ADAPTOR	PAK	6

SC DUPLEX THRU ADAPTORS

- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

Part No.	Description	Unit	Qty
THRU-SC-D-SM	SC SINGLEMODE DUPLEX THRU-ADAPTOR	PAK	6
THRU-SC-D-MM	SC MULTIMODE DUPLEX THRU-ADAPTOR	PAK	6
THRU-SC-D-MM3	SC MULTIMODE AQUA DUPLEX THRU-ADAPTOR	PAK	6
THRU-SC-D-MM4	SC MULTIMODE OM4 DUPLEX THRU-ADAPTOR	PAK	6

SCA THRU ADAPTORS

SCA SINGLEMODE SIMPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-SCA-S-SM

- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

SCA SINGLEMODE DUPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-SCA-D-SM

- Flangeless design with metal clips for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps

ST SIMPLEX THRU ADAPTORS

- Metal body and precision ceramic sleeves for improved reliability
- Includes dust caps and lock washer
- Colour coded to Telcordia and IEC standards

Part No.	Description	Unit	Qty
THRU-ST-SM	ST SINGLEMODE SIMPLEX THRU-ADAPTOR	PAK	6
THRU-ST-MM	ST MULTIMODE SIMPLEX THRU-ADAPTOR	PAK	6

THRU ADAPTORS AND COUPLERS FLANGED MOUNT

LC DUPLEX THRU ADAPTORS

LC MULTIMODE DUPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-LC-D-MM-FL

- Flanged design for securing into adaptor panels and precision ceramic sleeves for improved reliability
- Includes dust caps
- Colour coded to Telcordia and IEC standards

SC SIMPLEX THRU ADAPTORS

- Flanged design for securing into adaptor panels and precision ceramic sleeves for improved reliability
- Includes dust caps
- Colour coded to Telcordia and IEC standards

Part No.	Description	Unit	Qty
THRU-SC-S-SM-FL	SC SINGLEMODE SIMPLEX THRU-ADAPTOR	PAK	6
THRU-SC-S-MM-FL	SC MULTIMODE SIMPLEX THRU-ADAPTOR	PAK	6

SCA SIMPLEX THRU ADAPTORS

SCA SINGLEMODE SIMPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-SCA-S-SM-FL

- Flanged design for securing into adaptor panels and precision ceramic sleeves for improved reliability
- Includes dust caps
- Colour coded to Telcordia and IEC standards

SC DUPLEX THRU ADAPTORS

- Flanged design for securing into adaptor panels and precision ceramic sleeves for improved reliability
- Includes dust caps
- Colour coded to Telcordia and IEC standards

Part No.	Description	Unit	Qty
THRU-SC-D-SM-FL	SC SINGLEMODE DUPLEX THRU-ADAPTOR FLANGE	PAK	6
THRU-SC-D-MM-FL	SC MULTIMODE DUPLEX THRU-ADAPTOR	PAK	6

SCA DUPLEX THRU ADAPTORS

SCA SINGLEMODE DUPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-SCA-D-SM-FL

- Flanged design for securing into adaptor panels and precision ceramic sleeves for improved reliability
- Includes dust caps
- Colour coded to Telcordia and IEC standards

HYBRID ST-SC DUPLEX THRU ADAPTORS

ST-SC SINGLEMODE DUPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-STSC-D-SM

- Hybrid design with flange for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps
- Pack Quantity: 6

ST-SC MULTIMODE DUPLEX THRU-ADAPTOR

Unit: PAK Qty: 6

Part No. THRU-STSC-D-MM

- Hybrid design with flange for securing into adaptor panel and precision ceramic sleeves for improved reliability
- Colour coded to Telcordia and IEC Standards
- Includes dust caps
- Pack Quantity: 6

BLANKING PLUGS

BLANKING PLUGS

BLANKING PLUG ST SIMPLEX

Unit: PAK Qty: 12

Part No. PNL-PLUGST

- Lightweight plastic
- Use to plug un-used ports in panels

BLANKING PLUG SC SIMPLEX LC DUPLEX

Unit: PAK Qty: 12

Part No. PNL-PLUGSCS

- Lightweight plastic
- Use to plug un-used ports in panels

BLANKING PLUG SC DUPLEX LC QUAD

Unit: PAK Qty: 12

Part No. PNL-PLUGSCD

- Lightweight plastic
- Use to plug un-used ports in panels

Deployable Reels

These heavy duty light weight deployable reels provide the ideal solution for running fibre optic cable for temporary connections.

The latching door provides a secure area inside the drum, protecting the internal fibre optic connectors.

Reels are easily transportable, come in 3 sizes offering varying cable lengths from 100 metres to 600 metres (see table below) and are manufactured from heavy duty Rubberised Plastic.

MSS Fibre Systems can provide these reels loaded with the fibre cable and connectors of your choice supplied fully tested ready for deployment.

Part No.	Approximate maximum cable length in metres			Weight
	Ø 4.5 mm*	Ø 6 mm*	Ø 7.5 mm*	
MSS-DR310	250 MTR	150 MTR	100 MTR	1.78KG
MSS-DR380	450 MTR	300 MTR	180 MTR	4.35KG
MSS-DR450	600 MTR	400 MTR	220 MTR	5.14KG

* Outside diameter of cable

DEPLOYABLE REELS

DEPLOYABLE REELS

- Heavy-duty lightweight deployable reels
- Latching door protects internal fibre optic connectors
- Manufactured from heavy-duty rubberised plastic

Part No.	Description	Unit	Qty
DR310	DEPLOYABLE REEL - SMALL	EA	1
DR380	DEPLOYABLE REEL - MEDIUM	EA	1
DR450	DEPLOYABLE REEL - LARGE	EA	1

UNDERGROUND DOMES

UNDERGROUND DOMES

- IP68 rated splice enclosure for underground pits
- Includes compact splice tray and pole mount bracket
- Built in fibre management
- Multiple cable entry/exit ports

Part No.	Description	Unit	Qty
UGDOME-12	UNDERGROUND DOME ENCLOSURE - 12 FIBRE	EA	1
UGDOME-24	UNDERGROUND DOME ENCLOSURE - 24 FIBRE	EA	1
UGDOME-48	UNDERGROUND DOME ENCLOSURE - 48 FIBRE	EA	1
UGDOME-72	UNDERGROUND DOME ENCLOSURE - 72 FIBRE	EA	1

Measuring Optical Loss

Link Loss (Attenuation)

Testing for link loss, or attenuation, verifies whether fibre spans meet loss budget requirements.

Attenuation includes intrinsic fibre loss, losses associated with connectors and splices, and bending losses due to cabling and installation. An OTDR (Optical Time Domain Reflector) is used when a comprehensive accounting of these losses is required. The OTDR sends a laser pulse through each fibre; both directions of the fibre are tested at 1310nm and 1550nm wavelengths for singlemode or 850nm and 1300nm for multimode. OTDRs also provide information about fibre uniformity, splice characteristics, and total link distance.

ORL (Optical Return Loss)

ORL is a measure of the total fraction of light reflected by the system. Splices, reflections created at optical connectors, and components can adversely affect the behaviour of laser transmitters, and they all must be kept to a minimum of 24dB or less. You can use either an OTDR or a Loss Test Set (LTS) equipped with an ORL meter for ORL measurements. However, an ORL meter yields more accurate results.

Chromatic Dispersion

Chromatic dispersion testing is performed to verify that measurements meet your dispersion budget.

Chromatic dispersion is the most common form of dispersion found in singlemode fibre. Temporal in nature, chromatic dispersion is related only to the wavelength of the optical signal. For a given fibre type and wavelength, the spectral line width of the transmitter and its bit rate determine the chromatic dispersion tolerance of a system.

Portable chromatic dispersion measurement instruments are essential for testing the chromatic dispersion characteristics of installed fibre.

PMD (Polarisation Mode Dispersion)

PMD has essentially the same effect on the system performance as chromatic dispersion, which causes errors due to the “smearing” of the optical signal. However, PMD has a different origin from chromatic dispersion. PMD occurs when different polarization states propagate through the fibre at slightly different velocities.

The causes are fibre core eccentricity, ellipticity, and stresses introduced during the manufacturing process. PMD is a problem for higher bit rates (10GE and above) and can become a limiting factor when designing optical links.

Fibre Optic Cable Performance

Cable	dB/km	Mhz/ km	dB/km	Mhz/ km
Multimode	850nm		1300nm	
OM1 (62.5/125um)	3.5	200	1.5	500
OM2 (50/125um)	3.5	500	1.5	500
OM3 (50/125um)	3.5	1500	1.5	500
Singlemode	1310nm		1550nm	
OS1 Maximum	1.0	-	1.0	-

Values as per AS/NZS 3080 (Table 26, Page 49 and Table 27, page 50)

Splice Transmission Performance

Splicing (Fusion)	Maximum Insertion Loss (dB)
Multimode	0.3
Singlemode	0.3

Values as per AS/NZS 3080 (Table 46, Page 63)

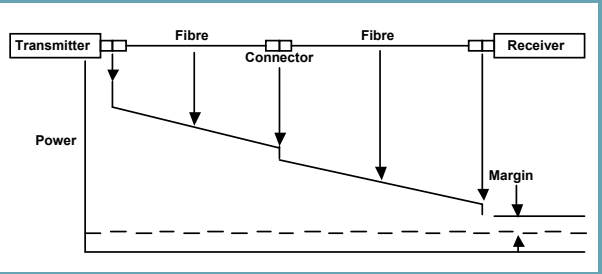
Mated Pair Transmission Performance

Connectors	Multimode	SingleMode
Max Insertion Loss (dB)	0.75	0.75
Minimum Return Loss (dB)	20	35

Values as per AS/NZS 3080 (Table 46, Page 63)

Calculating Optical Loss

To calculate the total optical loss (in dB) in a system, add the cable loss, splice loss, and connector loss. Compare the loss figure obtained with the allowable optical loss budget of the receiver. Be certain to add a safety margin factor of at least 3dB to the entire system. If the peak transmitter power is -10dBm and the receiver sensitivity is -30dBm, the available power budget is 20dB. If the total loss is less than 20dB, the loss does not exceed the available budget and therefore O.K. If the total loss is 14dB, the margin or “head room” is 6dB.



FAULT LOCATORS

VISUAL FAULT LOCATOR

VISIBLE FAULT LOCATOR - SUIT LC 1.25MM

Unit: EA Qty: 1

Part No. VFL-LC

- For use with 1.25mm ferrule connectors - LC and MU
- Test for continuity and find sharp bends and breaks
- Aluminium construction
- 650nm Laser

VISIBLE FAULT LOCATOR - SUIT 2.5MM

Unit: EA Qty: 1

Part No. VFL-HD

- For use with 2.5mm ferrule connectors - FC, SC and ST
- Test for continuity and find sharp bends and breaks
- Aluminium construction
- 650nm Laser

LC ADAPTOR 1.25MM VFL

Unit: EA Qty: 1

Part No. VFL-AD-LC

- Adaptor for use with the VFL-HD to use on connectors with 1.2mm ferrules such as the LC connector
- Converts the VFL-HD from a 2.5mm tip to a 1.25mm tip
- Simply plugs into the tip of the VFL-HD, no tools required

INSPECTION SCOPES

INSPECTION SCOPES

200X MICROSCOPE FOR MULTIMODE ST/SC/FC

Unit: EA Qty: 1

Part No. SCOPE-200X

- LED illumination
- Laser filter installed for eye protection
- Comes with universal adaptor for 2.5mm ferrules

400X MICROSCOPE FOR SINGLEMODE ST/SC/FC

Unit: EA Qty: 1

Part No. SCOPE-400X

- LED illumination
- Laser filter installed for eye protection
- Comes with universal adaptor for 2.5mm ferrules

LC ADAPTOR FOR 200X / 400X MICROSCOPE

Unit: EA Qty: 1

Part No. SCOPE-LC

- Adaptor for 200X/400X microscope
- MTRJ Adaptor also available

INSPECTION PROBES

INSPECTION PROBES

FIBRE CHECKER PROBE WITH 2.5/1.5 ADAPTOR

Unit: EA Qty: 1

Part No. FC-2005A

- Unit sends a visual red laser through the cables. The fault causes refraction causing a bright glow around the fault area
- Instantly find breaks in single and multi-mode fibres
- Universal connector - ST, SC, FC, FDDA and LC (adaptor supplied)
- Wave length 650nm <10nm spectral width visibility up to 3Km

INSPECTION PROBES - 410B

EXFO INSPECTION PROBE LC APC/UPC TIP KIT

Unit: EA Qty: 1

Part No. FIPT-400-LC-K

- EXFO LC tip kit designed specially for the FIP-400B series Video Inspection Probes
- Kit includes 4 adaptor tips for use with LC and LCA
- Includes LC and LCA tips for thru adaptors
- And Universal 1.25mm LC and LCA tips for patch cords

SC UPC TIP FOR BULKHEAD ADAPTOR

Unit: EA Qty: 1

Part No. FIPT-400-SC-UPC

- SC/FC tip designed for inspecting connector end faces in thru adaptors (bulkheads)
- To be used with the EXFO FIP-400B series Video Inspection Probe
- Not to be used on SCA thru adaptors (bulkheads) or connectors

UNIVERSAL PATCHCORD TIP FOR 2.5MM FERRUL

Unit: EA Qty: 1

Part No. FIPT-400-U25M

- 2.5mm tip designed for inspecting patch cord and pigtail connector end faces: FC, SC and ST
- To be used with the EXFO FIP-400B series Video Inspection Probe
- Not to be used on SCA thru adaptors (bulkheads) or connectors

FIP410/420/430 FCA TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-FCA

- FCA (FC Angle Polished) Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FC, LC, LCA, MU, SCA, SC, ST
- Patch cord tips also available

FIP410/420/430 FC/SC TIP BULKHEAD ADAPTE

Unit: EA Qty: 1

Part No. EXF-FIPT400-FCSC

- FC and SC Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, LC, LCA, MU, SCA, SC, ST
- Patch cord tips also available

FIP410/420/430 LC TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-LC

- LC Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, FC, LCA, MU, SCA, SC, ST
- Patch cord tips also available

FIP410/420/430 LCA TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-LCA

- LCA (LC Angle Polished) Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, FC, LC, MU, SCA, SC, ST
- Patch cord tips also available

FIP410/420/430 SC TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-SC

- SC Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, FC, LC, LCA, MU, SCA, ST
- Patch cord tips also available

FIP410/420/430 SCA TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-SCA

- SCA (SC Angle Polished) Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, FC, LC, LCA, MU, SC, ST
- Patch cord tips also available

FIP410/420/430 ST TIP BULKHEAD Adaptor

Unit: EA Qty: 1

Part No. EXF-FIPT400-ST

- ST Tip for bulkhead adaptor to suit EXFO FIP 400 series Fibre Inspection Scopes
- Compatible with FIP-410B, FIP-420B and FIP-430B models
- Other Tips available: FCA, FC, LC, LCA, MU, SCA, SC
- Patch cord tips also available

FIBRE INSP PROBE 3X MAG FC/SC TIPS

Unit: EA Qty: 1

Part No. EXF-FIP410B-FCSC

- Provides crisp digital images of connector end faces through a 5 Megapixel CMOS sensor and 3 x magnification
- USB interface connects to PC/Laptop via ConnectorMax2 software
- Rubber casing and controls are designed for intense field use
- Designed for handling by both right and left handed operators

FIBRE INSPECTION AND TEST EQUIPMENT

INSPECTION PROBES - 420B

FIBRE INSPECTION PROBE AUTO-CENTRE

Unit: EA Qty: 1

Part No. EXF-FIP420B-FCSC

- Provides crisp digital images of connector end faces through a 5 Megapixel CMOS sensor and 3 x magnification
- Auto-centre and on-board pass/fail analysis
- USB interface connects to PC/Laptop via ConnectorMax2 software

FIBRE INSPECTION PROBE AUTO-CENTRE

Unit: EA Qty: 1

Part No. EXF-FIP420B-SCA

- Provides crisp digital images of connector end faces through a 5 Megapixel CMOS sensor and 3 x magnification
- Auto-centre and on-board pass/fail analysis
- USB interface connects to PC/Laptop via ConnectorMax2 software
- Rubber casing and controls are designed for intense field use

INSPECTION PROBES - 430B

- Provides crisp digital images of connector end faces through a 5 Megapixel CMOS sensor and 3 x magnification
- Auto-centre, auto-focus and on-board pass/fail analysis
- USB interface connects to PC/Laptop via ConnectorMax2 software
- Rubber casing and controls are designed for intense field use

Part No.	Description	Unit	Qty
EXF-FIP430B-FCSC	FIBRE INSPECTION PROBE AUTO-CENTRE/FOCUS	EA	1
EXF-FIP430B-SCA	FIBRE INSPECTION PROBE AUTO-CENTRE/FOCUS	EA	1

LIVE FIBRE DETECTORS

LIVE FIBRE DETECTORS

EXFO LIVE FIBRE TKFF KIT TG-300B TD-300B

Unit: EA Qty: 1

Part No. EXF-TK-FF

- 3-in-1 test tool - live fibre identifier, live fibre detector, dark fibre identifier
- Pinpoints a specific live fibre using EXFO's FiberFinder
- Locates a particular dark fibre using tone recognition
- Compatible with: 3mm, 1.6mm and 900um fibres

FIBRE INSPECTION AND TEST EQUIPMENT KITS

FIBRE TEST KITS

NBN INSTALLERS KIT TEST PON METER VFL

Unit: KIT Qty: 1

Part No. NBNKIT-TESTRFV

- All-in-1 NBN kit for stripping, cleaning and testing NBN Fibre to the Home installations
- Includes PON Power Meter with built-in VFL - tests 1310/1490/1550
- 1-step Autobin Cleaver, strip/cutting tools and cleaning items
- SCA-SCA patch lead for easy connection to the PCD/ONT

LIGHT SOURCE AND POWER METERS

PON POWERMETER - NBN

- FTTx PON Meter for measuring downstream OLT, Video and Upstream BPON ONT
- Calibrated Wavelengths: 1310/1490/1550 nm
- Simultaneous Display of All PON Signals test results

Part No.	Description	Unit	Qty
EXF-PPM352C-SCA	EXFO PON POWER METER 1310/1490/1550	EA	1
EXF-PPM352C-V-SCA	EXFO PON POWER METER 1310/1490/1550 VFL	EA	1

POWERMETER - GE DETECTOR

- Handheld power meter that is both rugged and versatile. When used with the FLS-600 it automatically detects the wavelength
- Wavelengths: 44 pre-calibrated wavelengths from 800nm to 1650nm
- Includes rechargeable lithium ion battery - typical 72hr runtime
- Supplied with Calibration Certificate, AC adaptor and carry case
- EXFO 3 year warranty

Part No.	Description	Unit	Qty
EXF-FPM602-FC	EXFO POWERMETER GE DETECTOR FC/FCA	EA	1
EXF-FPM602-LC	EXFO POWERMETER GE DETECTOR LC	EA	1
EXF-FPM602-SC	EXFO POWERMETER GE DETECTOR SC/SCA	EA	1
EXF-FPM602-ST	EXFO POWERMETER GE DETECTOR ST	EA	1

POWERMETER - GEX DETECTOR

- Handheld power meter that is both rugged and versatile. When used with the FLS-600 it automatically detects the wavelength
- Wavelengths: 45 pre-calibrated wavelengths from 800nm to 1650nm
- Includes rechargeable lithium ion battery - typical 72hr runtime
- Supplied with Calibration Certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FPM602X-FC	EXFO POWERMETER GEX DETECTOR FC/FCA	EA	1
EXF-FPM602X-LC	EXFO POWERMETER GEX DETECTOR LC	EA	1
EXF-FPM602X-SC	EXFO POWERMETER GEX DETECTOR SC/SCA	EA	1
EXF-FPM602X-ST	EXFO POWERMETER GEX DETECTOR ST	EA	1

LIGHT SOURCE MM - WAVELENGTHS 850/1300

- Handheld LED based multimode light source that is both rugged and versatile
- Wavelengths: 850nm +/-25. 1300nm +50/-20
- Includes rechargeable lithium ion battery. Typical 50hrs runtime
- Supplied with calibration certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FLS600-MM-LC	EXFO LIGHTSOURCE MM 850/1300NM LC	EA	1
EXF-FLS600-MM-SC	EXFO LIGHTSOURCE MM 850/1300NM SC	EA	1
EXF-FLS600-MM-ST	EXFO LIGHTSOURCE MM 850/1300NM ST	EA	1

LIGHT SOURCE SM - WAVELENGTHS 1310/1550

- Handheld laser based single mode light source that is both rugged and versatile
- Wavelengths: 1310nm +/-20. 1550nm +/-20
- Includes rechargeable lithium ion battery. Typical 50hrs runtime
- Supplied with calibration certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FLS600-SM1-LC	EXFO LIGHTSOURCE SM 1310/1550NM LC	EA	1
EXF-FLS600-SM1-LCA	EXFO LIGHTSOURCE SM 1310/1550NM LCA	EA	1
EXF-FLS600-SM1-SC	EXFO LIGHTSOURCE SM 1310/1550NM SC	EA	1
EXF-FLS600-SM1-SCA	EXFO LIGHTSOURCE SM 1310/1550NM SCA	EA	1
EXF-FLS600-SM1-ST	EXFO LIGHTSOURCE SM 1310/1550NM ST	EA	1

LIGHT SOURCE SM - WAVELENGTHS 1310/1550/1625

- Handheld laser based single mode light source that is both rugged and versatile
- Wavelengths: 1310nm +/-20. 1550nm +/-20. 1625 +/-15
- Includes rechargeable lithium ion battery. Typical 50hrs runtime
- Supplied with calibration certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FLS600-SM2-LC	EXFO LIGHTSOURCE SM 1310/1550/1625NM LC	EA	1
EXF-FLS600-SM2-LCA	EXFO LIGHTSOURCE SM 1310/1550/1625NM LCA	EA	1
EXF-FLS600-SM2-SC	EXFO LIGHTSOURCE SM 1310/1550/1625NM SC	EA	1
EXF-FLS600-SM2-SCA	EXFO LIGHTSOURCE SM 1310/1550/1625NM SCA	EA	1
EXF-FLS600-SM2-ST	EXFO LIGHTSOURCE SM 1310/1550/1625NM ST	EA	1

LIGHT SOURCE SM - WAVELENGTHS 1310/1490/1550

- Handheld laser based single mode light source that is both rugged and versatile
- Wavelengths: 1310nm +/-20. 1490 +/-10. 1550nm +/-20
- Includes rechargeable lithium ion battery. Typical 50hrs runtime
- Supplied with calibration certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FLS600-SM3-LC	EXFO LIGHTSOURCE SM 1310/1490/1550NM LC	EA	1
EXF-FLS600-SM3-LCA	EXFO LIGHTSOURCE SM 1310/1490/1550NM LCA	EA	1
EXF-FLS600-SM3-SC	EXFO LIGHTSOURCE SM 1310/1490/1550NM SC	EA	1
EXF-FLS600-SM3-SCA	EXFO LIGHTSOURCE SM 1310/1490/1550NM SCA	EA	1
EXF-FLS600-SM3-ST	EXFO LIGHTSOURCE SM 1310/1490/1550NM ST	EA	1

LIGHT SOURCE - MM/SM

- Handheld quad wavelength laser based single mode/LED based multimode light source that is both rugged and versatile
- Wavelengths: 850 +/-25. 1300nm +50/-20. 1310/1550nm +/-20
- Includes rechargeable lithium ion battery. Typical 50hrs runtime
- Supplied with calibration certificate, AC adaptor and carry case

Part No.	Description	Unit	Qty
EXF-FLS600-LCLCA	EXFO LIGHTSOURCE MM/SM 1300/1550NM LCLCA	EA	1
EXF-FLS600-SCSCA	EXFO LIGHTSOURCE MM/SM 1300/1550NM SCSCA	EA	1
EXF-FLS600-STST	EXFO LIGHTSOURCE MM/SM 1300/1550NM STST	EA	1

LOSS TEST SET

FOT930 SM MAXTESTER 1310/1550/1625NM SCA

Unit: EA Qty: 1

Part No. EXF-FOT933-4-SCA

- Hand Held Multifunction Loss Tester for SM bi-directional loss measurement
- Tests wavelengths: 1310, 1550 and 1625nm via SCA port
- Includes InGaAs detector
- Large 320 x 240 pixel colour screen

FIS POWER METER

LIGHT SOURCE & POWER METER KIT MM + SM

Unit: EA Qty: 1

Part No. PMLS-MM-SM

- Hobbes Quad wavelength Laser LS and PM kit; MM: 850/1300nm SM: 1310/1490/1550/1625nm
- Auto-detect wavelength function
- Continuous Wavelength (CW) and 1KHz, 2KHz, 270Hz modulation
- Includes FC, SC and ST adaptors
- Save up to 1000 results

FIS LIGHT SOURCE

LIGHT SOURCE - SINGLEMODE

Unit: EA Qty: 1

Part No. LS-SM

- 1310/1550nm laser light source with FC adaptor
- Fixed adaptor for optimal performance
- Continuous Wave (CW) or 2kHz modulation
- 30 Hour typical battery life

OTDR

OTDR MAX715 KITS

EXFO MAX715B-M3 1310/1550/1625 OTDR KIT

Unit: EA Qty: 1

Part No. EXF-MAX715B-KIT3A

- Triple wavelength SM OTDR loaded with easy to use iOLM software, 7 inch touch screen, 12 hour battery life and W-Fi connectivity
- Compact tablet inspired design makes it ideal for field testing
- Tests SM wavelengths of 1310nm, 1550nm and 1625nm via SCA port
- Includes VFL and Powermeter

TEST SOFTWARE

TEST REPORT

EXFO FAST REPORTER2 SOFTWARE ON DVD

Unit: EA Qty: 1

Part No. EXF-FR2-DVD

- A single software package to manage data and generate reports for all your optical-layer testing
- Perform OTDR bi-directional batch analysis
- Easily identify results that don't meet network requirements
- Supplied on an installation DVD

INNO View 5 Fusion Splicer

The Inno View 5 core alignment fusion splicer has all the features you expect to find on a market leading fusion splicer. The 5 inch colour touch screen can be flipped allowing the operator to work from in front of or behind the splicer and the intuitive Graphical User Interface makes it easy to operate.

520 x magnification, 7 seconds splice time and 13 seconds heat time make this one of the fastest splicers on the market and the pre-set heat and splice modes add to its ease of use.

The View 5's 4200mAh battery can produce up to 170 splice/heat cycles per charge and the included 12V cigarette lighter cable means it can be recharged from a vehicle.

FEATURES

- Market leading 520 x magnification
- 5 inch colour touch screen
- 7 seconds splice time
- 13 seconds heat time
- Long battery life, 170 splice/heat cycles
- Easy to replace electrodes (no tools required)
- 3500 arc electrode life
- 35 preset splicing modes
- 6 preset heating modes
- 3 bright LED's for dark environments

VIEW 5 PACKAGE KIT INCLUDES

- View 5 Fusion Splicer
- V7A 2 Step Auto Bin Cleaver
- AC Adapter
- Battery Pack
- Power Cable
- Fibre Holder
- Spare Electrodes
- Cooling Tray
- User Manual CD
- Carrying Case

FUSION SPLICERS

FUSION SPLICERS

V-GROOVE SPLICER KIT 250/900UM

Unit: EA Qty: 1

Part No. SPLICER-V-SB

- Compact & easy to use V-groove fusion splicer for SM and MM Fibres. Compatible with both 250um and 900um fibres
- Fast Splice and Oven cycle times. Splice 7 sec. Oven 50 sec
- Includes cleaver and 250um, 900um fibre holders
- 2200mAh re-chargeable LI-Ion Battery

FUSION SPLICERS

FUSION SPLICER KIT VIEW 5 C/W CLEAVER

Unit: EA Qty: 1

Part No. SPLICER-VIEW-5

- Core Alignment splicer with 5500 arc electrode life
- 5 inch colour touch screen with market leading 520X magnification
- 7 seconds splice time, 13 seconds heat time
- Battery life: 170 splice/heat cycles

FUSION SPLICER KIT VIEW 7 C/W CLEAVER

Unit: EA Qty: 1

Part No. SPLICER-VIEW-7

- Core Alignment splicer with 5500 arc electrode life
- 5 inch colour touch screen with market leading 520X magnification
- 7 seconds splice time, 13 seconds heat time
- Long battery life: 355 splice/heat cycles

SPLICE TRAYS AND HOLDERS

SPLICE TRAY HOLDERS

W&B SPLICE CASSETTE WITH LID - 12 FIBRE

Unit: EA Qty: 1

Part No. SPLICE-12-150

- Compact Splice tray for up to 12 fibres per tray. Adjustable loose tube cable clamps at each entry point. Comes with lid
- Built in Bend radius and cable management
- Dimensions: 143mm x 95mm x 14mm
- Splice protectors sold separately

W&B SPLICE CASSETTE WITH LID - 24 FIBRE

Unit: EA Qty: 1

Part No. SPLICE-24-200

- Large Splice tray for up to 24 fibres per tray. Loose tube clamps at each entry point. Comes with lid
- Built in Bend radius and cable management
- Dimensions: 194mm x 116mm x 13mm
- Splice protectors sold separately

SPLICE CASSETTE WITH LID - 24 FIBRE

Unit: EA Qty: 1

Part No. SPLICE-24-200FN

- Stackable Splice tray for up to 24 fibres per tray. Comes with lid
- Built in Bend radius and cable management
- Dimensions: 200mm x 120mm x 24mm
- Splice protectors sold separately

SPLICE CASSETTE WITH LID - 24 FIBRE

Unit: EA Qty: 1

Part No. SPLICE-24-S-TRAY

- Compact Splice tray for up to 24 fibres per tray. Comes with clear lid
- Built in Bend radius and cable management
- Dimensions: 170mm x 125mm x 15mm
- Compatible with 2.8mm Splice protectors sold separately

12 FIBRE 2.6MM SPLICE HOLDER BLUE

Unit: EA Qty: 1

Part No. SPLICE-CONE-BL

- Accepts 12 2.6mm diameter heat shrink protectors
- Compatible with SPLICE-12-150 and SPLICE-24-200 splice trays
- Easy to install clip-in feature
- Securely and neatly holds splices in place

12 FIBRE 2.8MM SPLICE HOLDER ORANGE

Unit: EA Qty: 1

Part No. SPLICE-CONE-OR

- Accepts 12 2.8mm diameter heat shrink protectors
- Compatible with SPLICE-12-150 and SPLICE-24-200 splice trays
- Easy to install clip-in feature
- Securely and neatly holds splices in place

FIBRE SPLICING EQUIPMENT

6 FIBRE 2.6-2.8MM SPLICE HOLDER YELLOW

Unit: EA Qty: 1

Part No. SPLICE-CONE-YL

- Accepts 5x ribbon-fibre, 3x 3M Fibrlok mechanical splice or 6x 2.6 to 2.8mm heat shrink protectors
- Compatible with SPLICE-12-150 and SPLICE-24-200 splice trays
- Easy to install clip-in feature
- Securely and neatly holds splices in place

PLASTIC HINGE SUIT W&B SPLICE CASS X1

Unit: PAK Qty: 2

Part No. SPLICE-HINGE

- Plastic hinge to suit W&B Splice Cassettes SPLICE-12-150 and SPLICE-24-200
- Used to stack splice trays
- 1 pack required to join 2 splice trays together

MECHANICAL SPLICE PROTECTORS

MECHANICAL SPLICE PROTECTORS

BUTTERFLY SPLICE PROTECTOR 250/900UM 25P

Unit: EA Qty: 1

Part No. BFLY-BL

- Butterfly protector is an economical alternative to heat shrink featuring a ‘clam-shell’ design with adhesive on the inside surface
- Requires no power for assembly
- Very easy to use
- Different colours for different jacket sizes

BUTTERFLY SPLICE PROTECTOR - 900/900UM

Unit: EA Qty: 1

Part No. BFLY-GR

- Butterfly protector is an economical alternative to heat shrink featuring a ‘clam-shell’ design with adhesive on the inside surface
- Requires no power for assembly
- Very easy to use
- Different colours for different jacket sizes

BUTTERFLY SPLICE PROTECTOR - 250/250UM

Unit: EA Qty: 1

Part No. BFLY-YL

- Butterfly protector is an economical alternative to heat shrink featuring a ‘clam-shell’ design with adhesive on the inside surface
- Requires no power for assembly
- Very easy to use
- Different colours for different jacket sizes

HEAT SHRINK PROTECTORS

HEAT SHRINK PROTECTORS

HEATSHRINK SPLICE PROTECTOR - 40MM THIN

Unit: PAK Qty: 100

Part No. HSSP-40T

- 40mm long heat shrink splice protector - shrinks down to 2.4mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

HEATSHRINK SPLICE PROTECTOR - 40MM

Unit: PAK Qty: 100

Part No. HSSP-40

- 40mm long heat shrink splice protector - shrinks down to 2.6mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

HEATSHRINK SPLICE PROTECTOR - 45MM THIN

Unit: PAK Qty: 100

Part No. HSSP-45T

- 45mm long heat shrink splice protector - shrinks down to 2.4mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

HEATSHRINK SPLICE PROTECTOR - 45MM

Unit: BOX Qty: 100

Part No. HSSP-45

- 45mm long heat shrink splice protector - shrinks down to 2.6mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

HEATSHRINK SPLICE PROTECTOR - 60MM

Unit: BAG Qty: 100

Part No. HSSP-60

- 60mm long heat shrink splice protector - shrinks down to 2.6mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

HEATSHRINK SPLICE PROTECTOR - 60MM FAT

Unit: PAK Qty: 100

Part No. HSSP-60F

- 60mm long heat shrink splice protector - shrinks down to 2.8mm
- Designed to increase tensile and torsion load of the splice
- A stainless steel strength member protects the spliced fibres

Pigtails

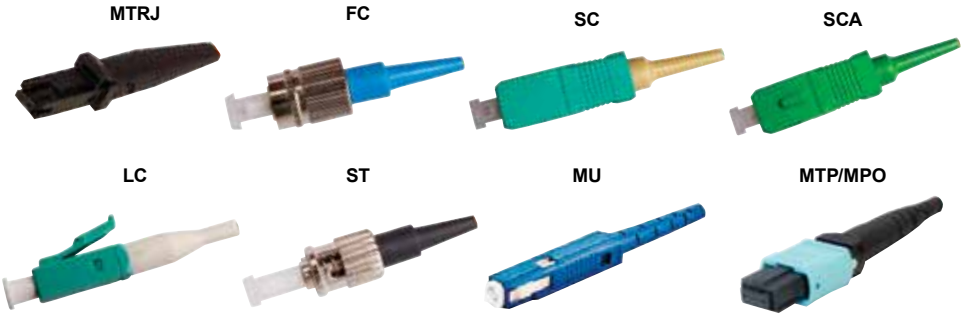
Stocking most connector types (eg FC, LC, SC, SCA, ST) in OM1 (beige), OM3 (Aqua), OM4 (beige) and SM (Blue, Green) in 6 packs and 12 packs.

All pigtails are available in coloured coded packs to easily identify the core number.

Packs of single colours are available for most connector types and modes.

All other configurations can be manufactured to your specific colour, length and connector type with short lead times.

Custom Pigtails Made to Your Requirements



OM1 PIGTAILS

OM1 PIGTAILS COLOUR CODED

- 6 or 12 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to TIA/EIA 492AAAA
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PLC2M/900-MMC6	LC OM1 62.5UM PIGTAILS - 900UM 2M C6PK	EA	1
PLC2M/900-MMC12	LC OM1 62.5UM PIGTAILS - 900UM 2M C12PK	EA	1
PSC2M/900-MMC6	SC OM1 62.5UM PIGTAILS - 900UM 2M C6PK	EA	1
PSC2M/900-MMC12	SC OM1 62.5UM PIGTAILS - 900UM 2M C12PK	EA	1
PST2M/900-MMC6	ST OM1 62.5UM PIGTAILS - 900UM 2M C6PK	EA	1
PST2M/900-MMC12	ST OM1 62.5UM PIGTAILS - 900UM 2M C12PK	EA	1

OM1 PIGTAILS SINGLE COLOUR

- 6 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to TIA/EIA 492AAAA
- Orange coloured as per TIA-492AAAA
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PLC2M/900-MM6	LC OM1 62.5UM PIGTAILS - 900UM 2M 6PK	EA	1
PSC2M/900-MM6	SC OM1 62.5UM PIGTAILS - 900UM 2M 6PK	EA	1
PST2M/900-MM6	ST OM1 62.5UM PIGTAILS - 900UM 2M 6PK	EA	1

OM3 PIGTAILS

OM3 PIGTAILS COLOUR CODED

- 6 or 12 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to ITU-G651-1
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PLC2M/900-MM3-C6	LC OM3 50UM PIGTAILS - 900UM 2M C6PK	EA	1
PLC2M/900-MM3-C12	LC OM3 50UM PIGTAILS - 900UM 2M C12PK	EA	1
PSC2M/900-MM3-C6	SC OM3 50UM PIGTAILS - 900UM 2M C6PK	EA	1
PSC2M/900-MM3-C12	SC OM3 50UM PIGTAILS - 900UM 2M C12PK	EA	1
PST2M/900-MM3-C6	ST OM3 50UM PIGTAILS - 900UM 2M C6PK	EA	1
PST2M/900-MM3-C12	ST OM3 50UM PIGTAILS - 900UM 2M C12PK	EA	1

OM3 PIGTAILS SINGLE COLOUR

- 6 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to ITU-G651-1
- Individual fibres coloured Aqua as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PLC2M/900-MM3-6	LC OM3 50UM PIGTAILS - 900UM 2M 6PK	EA	1
PSC2M/900-MM3-6	SC OM3 50UM PIGTAILS - 900UM 2M 6PK	EA	1
PST2M/900-MM3-6	ST OM3 50UM PIGTAILS - 900UM 2M 6PK	EA	1

OM4 PIGTAILS

OM4 PIGTAILS SC COLOUR CODED

- 6 or 12 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to ITU-G651-1
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PSC2M/900-MM4-C6	SC OM4 50UM PIGTAILS - 900UM 2M C6PK	EA	1
PSC2M/900-MM4-C12	SC OM4 50UM PIGTAILS - 900UM 2M C12PK	EA	1

OM4 PIGTAILS LC COLOUR CODED

- 6 or 12 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- Multimode fibre conforms to ITU-G651-1
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PLC2M/900-MM4-C6	LC OM4 50UM PIGTAILS - 900UM 2M C6PK	EA	1
PLC2M/900-MM4-C12	LC OM4 50UM PIGTAILS - 900UM 2M C12PK	EA	1

OS1 OS2 SM PIGTAILS

OS1 OS2 SM PIGTAILS COLOUR CODED

- 6 or 12 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- OS1/OS2 fibre conforms to ITU-G652.D, TIA/EIA 492 CAAB
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PFC2M/900-SMC12	FC OS1/OS2 SM PIGTAILS - 900UM 2M C12PK	EA	1
PLC2M/900-SMC12	LC OS1/OS2 SM PIGTAILS - 900UM 2M C12PK	EA	1
PSC2M/900-SMC6	SC OS1/OS2 SM PIGTAILS - 900UM 2M C6PK	EA	1
PSC2M/900-SMC12	SC OS1/OS2 SM PIGTAILS - 900UM 2M C12PK	EA	1
PST2M/900-SMC6	ST OS1/OS2 SM PIGTAILS - 900UM 2M C6PK	EA	1
PST2M/900-SMC12	ST OS1/OS2 SM PIGTAILS - 900UM 2M C12PK	EA	1

OS1 OS2 PIGTAILS SINGLE COLOUR

- 6 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- OS1/OS2 fibre conforms to ITU-G652.D, TIA/EIA 492 CAAB
- Yellow coloured as per TIA-492CAAB
- REACH, RoHS and SvHC materials compliant

Part No.	Description	Unit	Qty
PFC2M/900-SM6	FC OS1/OS2 SM PIGTAILS - 900UM 2M 6PK	EA	1
PLC2M/900-SM6	LC OS1/OS2 SM PIGTAILS - 900UM 2M 6PK	EA	1
PSC2M/900-SM6	SC OS1/OS2 SM PIGTAILS - 900UM 2M 6PK	EA	1
PST2M/900-SM6	ST OS1/OS2 SM PIGTAILS - 900UM 2M 6PK	EA	1

MSF APC COLOUR CODED

SCA OS1/OS2 SM PIGTAILS - 900UM 2M C12PK

Unit: EA Qty: 1

Part No. PSCA2M/900-SMC12

- 12 Pack APC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- OS1/OS2 fibre conforms to ITU-G652.D, TIA/EIA 492 CAAB
- Individual fibres coloured as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

MSF APC SINGLE COLOUR

SCA OS1/OS2 SM PIGTAILS - 900UM 2M 6PK

Unit: EA Qty: 1

Part No. PSCA2M/900-SM6

- 6 Pack UPC Connector Pigtails packaged and labelled to provide protection, performance data and traceability
- 900um Low Smoke Zero Halogen (LSZH) tight buffer
- OS1/OS2 fibre conforms to ITU-G652.D, TIA/EIA 492 CAAB
- Individual fibres coloured Yellow as per IEC 60304, TIA-598
- REACH, RoHS and SvHC materials compliant

FANOUT KITS

CORNING FANOUT KITS

- Eliminates strain on fibres by isolating them from tensile forces
- Colored fan-out tubing. Length 0.6m, 1.2m
- Snap-together furcation unit eliminates epoxy for indoor kits
- Compact design

Part No.	Description	Unit	Qty
FANOUT-6	CORNING FANOUT KIT - 6 FIBRE (25IN)	EA	1
FANOUT-12	CORNING FANOUT KIT - 12 FIBRE (25IN)	EA	1
FANOUT-12-47	CORNING FANOUT KIT - 12 FIBRE (47IN)	EA	1

Pre-Polished FibreCAT Connectors

The MSS FibreCAT is the ideal solution for field termination of fibre optic cable. The FibreCAT is a pre-polished connector therefore no polishing is required eliminating a difficult and time consuming process.

The connectors are available in SC, LC and ST styles in OM1, OM3 and OS1, can be terminated within one minute and offer reliable optical performance.

Features and Benefits

- **NO FIBRE EXPERIENCE**: Pre-polished so no epoxy or polishing required
- **FAST & EASY:** Can be terminated within one minute
- **PERFORMANCE:** Reliable and superior optical performance
- **DURABILITY:** Termination process can be repeated 3-4 times
- **QUALITY:** Complies with IEC, EIA/TIA and Telecordia standards

PRE POLISHED CONNECTORS

MSF FIBRECAT OM1 CONNECTORS

- MSS FibreCAT pre-polished connector, ideal solution for field termination onto 250/900µm fibre
- No previous fibre experience necessary
- Approx. 1 minute to terminate
- Termination process can be repeated 3-4 times without effect

Part No.	Description	Unit	Qty
CON-LC-FCAT-MM1	LC CONNECTOR MULTIMODE OM1 FIBRECAT	PAK	6
CON-SC-FCAT-MM1	SC CONNECTOR MULTIMODE OM1 FIBRECAT	PAK	6
CON-ST-FCAT-MM1	ST CONNECTOR MULTIMODE OM1 FIBRECAT	PAK	6

MSF FIBRECAT OM3 CONNECTORS

- MSS FibreCAT pre-polished connector, ideal solution for field termination onto 250/900µm fibre
- No previous fibre experience necessary
- Approx. 1 minute to terminate
- Termination process can be repeated 3-4 times without effect

Part No.	Description	Unit	Qty
CON-LC-FCAT-MM3	LC CONNECTOR MULTIMODE OM3 FIBRECAT	PAK	6
CON-SC-FCAT-MM3	SC CONNECTOR MULTIMODE OM3 FIBRECAT	PAK	6
CON-ST-FCAT-MM3	ST CONNECTOR MULTIMODE OM3 FIBRECAT	PAK	6

MSF FIBRECAT SM CONNECTORS

- MSS FibreCAT pre-polished connector, ideal solution for field termination onto 250/900µm fibre
- No previous fibre experience necessary
- Approx. 1 minute to terminate
- Termination process can be repeated 3-4 times without effect

Part No.	Description	Unit	Qty
CON-LC-FCAT-SM	LC CONNECTOR SINGLEMODE FIBRECAT	PAK	6
CON-SC-FCAT-SM	SC CONNECTOR SINGLEMODE FIBRECAT	PAK	6
CON-ST-FCAT-SM	ST CONNECTOR SINGLEMODE FIBRECAT	PAK	6

MSF FIBRECAT SM ANGLED CONNECTORS

SCA CONNECTOR SINGLEMODE FIBRECAT

Unit: PAK Qty: 6

Part No. CON-SCA-FCAT-SM

- MSS FibreCAT pre-polished connector, ideal solution for field termination
- Individual pack
- Pre-polished connector, no epoxy or polishing
- Approx. 1 minute to terminate

BELDEN BRILLIANCE OM3 CONNECTORS

- Faster termination - as few as 5 seconds
- Integrated VFL improves termination yield
- Reduce training and tooling expense
- 900um boot included

Part No.	Description	Unit	Qty
BEL-AX105202-S1	FIBRE BRILLIANCE CONNECTOR OM3/OM4 LC	EA	1
BEL-AX105207-S1	FIBRE BRILLIANCE CONNECTOR OM3/OM4 SC	EA	1
BEL-AX105212-S1	FIBRE BRILLIANCE CONNECTOR OM3/OM4 ST	EA	1

BELDEN BRILLIANCE SM CONNECTORS

- Faster termination - as few as 5 seconds
- Integrated VFL improves termination yield
- Reduce training and tooling expense
- 900um boot included

Part No.	Description	Unit	Qty
BEL-AX105203-S1	FIBRE BRILLIANCE CONNECTOR SM OS2 LC	EA	1
BEL-AX105208-S1	FIBRE BRILLIANCE CONNECTOR SM OS2 SC	EA	1
BEL-AX105209-S1	FIBRE BRILLIANCE CONNECTOR SM APC OS2 SC	EA	1
BEL-AX105213-S1	FIBRE BRILLIANCE CONNECTOR SM OS2 ST	EA	1

EPOXY POLISH CONNECTORS

EPOXY POLISH CONNECTORS SM

- Epoxy connectors are low cost, reliable and ideal for use in the factory/lab environment
- Crimped connector for retaining strength
- Low cost, durable and reliable

Part No.	Description	Unit	Qty
CON-FC-EP-SM	FC CONNECTOR SIMPLEX SINGLEMODE EPOXY	PAK	6
CON-LC-D-EP-SM	LC CONNECTOR DUPLEX SINGLEMODE EPOXY	PAK	6
CON-SC-EP-SM	SC CONNECTOR SIMPLEX SINGLEMODE EPOXY	PAK	6
CON-ST-EP-SM	ST CONNECTOR SIMPLEX SINGLEMODE EPOXY	PAK	6

EPOXY POLISH CONNECTORS MM

- Epoxy connectors are low cost, reliable and ideal for use in the factory/lab environment
- Crimped connector for retaining strength

Part No.	Description	Unit	Qty
CON-SC-EP-MM1	SC CONNECTOR SIMPLEX MULTIMODE EPOXY	PAK	6
CON-ST-EP-MM1	ST CONNECTOR SIMPLEX MULTIMODE EPOXY	PAK	6
CON-LC-D-EP-MM1	LC CONNECTOR DUPLEX MULTIMODE EPOXY	PAK	6
CON-FC-EP-MM	FC CONNECTOR SIMPLEX MULTIMODE EPOXY	PAK	6
CON-MTRJ-EP-MM	MTRJ CONNECTOR MULTIMODE EPOXY	PAK	6

EPOXY POLISH CONNECTORS SM ANGLE

SCA CONNECTOR SIMPLEX SINGLEMODE EPOXY

Unit: PAK Qty: 6

Part No. CON-SCA-EP-SM

- Epoxy connectors are low cost, reliable and ideal for use in the factory/lab environment
- Crimped connector for retaining strength
- Low cost, durable and reliable

ADHESIVE POLISH CONNECTORS

ADHESIVE POLISH CONNECTORS SM

- Supplied pre-loaded with advanced adhesive. No mixing reducing time and mess
- Used in both indoor and outdoor applications
- Meets TIA 568B.3 requirements
- Hi-performance adhesive and precision-centred ferrule polishing

Part No.	Description	Unit	Qty
CON-SC-HM-SM	SC CONNECTOR SIMPLEX SINGLEMODE HOTMELT	PAK	6
CON-ST-HM-SM	ST CONNECTOR SIMPLEX SINGLEMODE HOTMELT	PAK	6

ADHESIVE POLISH CONNECTORS MM

- Supplied pre-loaded with advanced adhesive. No mixing reducing time and mess
- Used in both indoor and outdoor applications
- Meets TIA 568B.3 requirements
- Hi-performance adhesive and precision-centred ferrule polishing

Part No.	Description	Unit	Qty
CON-SC-HM-MM	SC CONNECTOR SIMPLEX MULTIMODE HOTMELT	PAK	6
CON-ST-HM-MM	ST CONNECTOR SIMPLEX MULTIMODE HOTMELT	PAK	6

PLASTIC FIBRE CONNECTORS

PLASTIC FIBRE CONNECTORS

- Compatible with Avago Versatile Link family of connectors and fibre optic components with snap-in action
- Made of a flame retardant VALOX UL94 V-0 material
- Colour-coded
- RoHS-Compliant

Part No.	Description	Unit	Qty
CON-HFBR4501Z	PLASTIC FIBRE CONNECTOR	PAK	6
CON-HFBR4503	PLASTIC FIBRE CONNECTOR - WITH LATCH	PAK	6
CON-HFBR4505Z	PLASTIC FIBRE FEEDTHRU ADAPTOR	PAK	6
CON-HFBR4506Z	PLASTIC FIBRE CONNECTOR	PAK	6
CON-HFBR4511Z	PLASTIC FIBRE CONNECTOR	PAK	6
CON-HFBR4513	PLASTIC FIBRE CONNECTOR - WITH LATCH	PAK	6
CON-HFBR4515Z	PLASTIC FIBRE FEEDTHRU ADAPTOR	PAK	6
CON-HFBR4531Z	PLASTIC FIBRE CONNECTOR	PAK	6

ATTENUATORS SINGLE MODE

ATTENUATORS SM LC

- Optical attenuator reduces the power level of an optical signal
- High quality ferrules ensure reliable performance
- Bi-directional, build-out style for easy use
- Environmentally stable and reliable

Part No.	Description	Unit	Qty
ATT-LC-SM-2	LC SINGLEMODE M-F ATTENUATOR - 2DB	EA	1
ATT-LC-SM-5	LC SINGLEMODE M-F ATTENUATOR - 5DB	EA	1
ATT-LC-SM-8	LC SINGLEMODE M-F ATTENUATOR - 8DB	EA	1
ATT-LC-SM-10	LC SINGLEMODE M-F ATTENUATOR - 10DB	EA	1
ATT-LC-SM-15	LC SINGLEMODE M-F ATTENUATOR - 15DB	EA	1

ATTENUATORS SM SC

- Optical attenuator reduces the power level of an optical signal
- High quality ferrules ensure reliable performance
- Bi-directional, build-out style for easy use
- Environmentally stable and reliable

Part No.	Description	Unit	Qty
ATT-SC-SM-2	SC SINGLEMODE M-F ATTENUATOR - 2DB	EA	1
ATT-SC-SM-5	SC SINGLEMODE M-F ATTENUATOR - 5DB	EA	1
ATT-SC-SM-10	SC SINGLEMODE M-F ATTENUATOR - 10DB	EA	1
ATT-SC-SM-15	SC SINGLEMODE M-F ATTENUATOR - 15DB	EA	1

ATTENUATORS SINGLE MODE ANGLE POLISH

ATTENUATORS SM ANGLE POLISH SCA

- Optical attenuator reduces the power level of an optical signal
- High quality ferrules ensure reliable performance
- Bi-directional, build-out style for easy use
- Environmentally stable and reliable

Part No.	Description	Unit	Qty
ATT-SCA-SM-5	SCA SINGLEMODE M-F ATTENUATOR - 5DB	EA	1
ATT-SCA-SM-10	SCA SINGLEMODE M-F ATTENUATOR - 10DB	EA	1
ATT-SCA-SM-15	SCA SINGLEMODE M-F ATTENUATOR - 15DB	EA	1

CONNECTOR BOOTS

BOOTS BELDEN BRILLIANCE

JACKETED BOOT 2MM

Unit: EA Qty: 1

Part No. BEL-AX105214-B25

- Belden boot to suit Brilliance Fibre connector
- Used when terminating onto 2mm jacketed fibre
- Convenient 25 pack

JACKETED BOOT 3MM PK25

Unit: EA Qty: 1

Part No. BEL-AX105215-B25

- Belden boot to suit Brilliance Fibre connector
- Used when terminating onto 3mm jacketed fibre
- Convenient 25 pack

CONNECTOR CLIPS

CONNECTOR CLIPS

SC CONNECTOR DUPLEX CLIP - PLASTIC

Unit: EA Qty: 1

Part No. CON-SC-CLIP

- Clips SC Connectors to duplex configuration
- Made from PVC
- Lightweight durable construction

CONNECTOR DUST CAPS

CONNECTOR DUST CAPS

ST AND SC CONNECTOR DUST CAP

Unit: PAK Qty: 100

Part No. DCAP-ST/SC

- Dust cap for use with 2.5mm ferrule connectors, such as FC, SC/SCA and ST
- Protects connectors from dust/contaminants when not in use
- For use on patch leads or pigtails

Fibre Tools - Cutting and Stripping

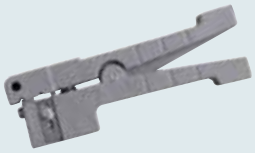
Stripping and preparing fibre for termination is made easy with the right tools, from jacket removal to stripping the fibre core, we have all the tools you will need to prepare your fibre for a quality termination.

It all starts with removing the outer jacket(s) and depending on the cable type, tight buffered or loose tube, the tools differ for each.

The next element to remove is the aramid yarn or Kevlar using Kevlar scissors. Loose tube will also have a central strength member to remove, this can be cut away with side cutters.

Care needs to be taken when it comes to stripping the fibre core as tight buffered riser cables have 2 layers that need removing, a 900µm coloured buffer layer and the 250µm coating.

Loose tube cable is missing the 900µm buffer featured on riser cables, instead the 250µm coating is coloured and is removed in the same way as the 250µm coating on riser cables.

CABLE ELEMENT	CABLE TYPE	
	TIGHT BUFFERED	LOOSE TUBE
Jacket	Peg Style Stripper Part No. TSTRIP-45163 and TSTRIP-45164	G Stripper Part No. TSTRIP-280024
Gel Filled Tubes	N/A	Peg Style Stripper Part No. TSTRIP-45162
		
Strength Member	Kevlar Scissors Part No. KSCIS	Kevlar Scissors and Side Cutters Part No. KSCIS & HVSC150B
Core	Fibre Strippers Part No. TSTRIP-250/900/3MM	

Tight Buffered Cables

(eg Indoor/Outdoor riser cables)

The outer jacket of a tight buffered riser cable is similar to Cat5e/6/6A cable and can be removed using the same tools. An adjustable cable stripper is ideal.

The aramid yarn or Kevlar strength members are cut away with Kevlar scissors.

Once exposed, the individual cores of fibre are stripped back using a pair of fibre strippers. Tight buffered fibre that is 900µm requires 2 layers to be stripped off, the 900µm coloured buffer and the 250µm coating. Some fibre strippers are suitable only for 250µm loose tube cable. Selecting a stripper such as our Tri hole strippers that can be used for both 900µm tight buffered and 250µm loose tube, allows you to have 1 tool for both cable types.

Our Tri hole stripper can be used on both 900µm tight buffered cable and 250µm loose tube cable.

Loose Tube Cables

The outer jacket and sheath of a loose tube cable is much harder than a tight buffered riser cable but can be easily removed with our “G Stripper” tool. This adjustable tool is suitable for loose tube cables of various diameters and can be used to “ring bark” the jacket or split the jacket longitudinally.

“Peg style” strippers are used to remove the gel filled tubes and break out the cores of fibre.

The central strength member is removed with a pair of side cutters and any Kevlar or armid yarn is cut away with Kevlar scissors

Once exposed the individual cores of fibre are stripped back using a pair of fibre strippers. Loose tube cable is typically 250µm and has only 1 layer to be stripped off.

Some fibre stripping tools are only suitable for stripping the 250µm coating and can’t be used with a 900µm tight buffered fibre.

CLEAVERS

CLEAVERS

D1 PRECISION 1-STEP CLEAVER W/ AUTO BIN

Unit: EA Qty: 1

Part No. CLEAVER-D1

- Fully automated cleaver with universal holder
- Compatible with 250um, 900um, 3mm and flat cable
- 1 step operation for maximum efficiency
- Automatic collector for fibre off cuts

V7 2 STEP PRECISION CLEAVER C/W AUTOBIN

Unit: EA Qty: 1

Part No. CLEAVER-V7A

- Compatible with 250um, 900um, 3mm and flat cables
- Optional ribbon holder upgrades unit to NBN ready
- Automatic collector for fibre off cuts
- Durable blade lifespan over 48,000 cleaves

STRIPPING AND CUTTING

STRIPPING TOOLS - LOOSE TUBE JACKET

LOOSE TUBE CABLE G STRIPPER

Unit: EA Qty: 1

Part No. TSTRIP-280024

- Easy to use adjustable tool for stripping the jacket of loose tube cables
- Cutting depth can be adjusted to suit cable diameter
- Suitable for use with most loose tube cables
- Must have for all tool kits

STRIPPING TOOLS - TUBE CUTTERS

TUBE CUTTER UP 3.2MM OD TUBE

Unit: EA Qty: 1

Part No. TSTRIP-45162

- Small easy to use tool for stripping tubes from Loose Tube cables
- Cuts tubes up to 3.2mm (1/8 inch) O.D.
- Adjustable blades for easy operation

TUBE CUTTER 3.2 - 5.56MM OD TUBE

Unit: EA Qty: 1

Part No. TSTRIP-45163

- Small easy to use tool for stripping tubes from Loose Tube cables
- Cuts tubes from 3.2mm (1/8 inch) up to 5.56mm (7/32 inch) O.D.
- Adjustable blades for easy operation

TUBE CUTTER 6.35 - 14.29MM OD

Unit: EA Qty: 1

Part No. TSTRIP-45164

- Small easy to use tool for stripping tubes from Loose Tube cables
- Cuts tubes from 6.35mm (1/4 inch) up to 14.296mm (9/16 inch) O.D.
- Adjustable blades for easy operation

KEVLAR CUTTERS

INDUSTRIAL SCISSORS FOR KEVLAR

Unit: EA Qty: 1

Part No. KSCIS

- Designed to cut Kevlar when preparing fibre termination
- High quality serrated steel construction
- Ergonomic plastic handles
- Ultra hard jaw for long life

KEVLAR CUTTERS

MILLER KEVLAR CUTTER

Unit: EA Qty: 1

Part No. TKEVCUT

- Long lasting, easy to use Kevlar cutters. Unlike standard scissors/cutters these are designed for cutting Kevlar
- Ergonomic grip sits comfortably in your hand
- Can be locked closed when not in use
- Must have for all tool kits

STRIPPING TOOLS - CORE STRIPPERS

MICRO FIBRE STRIPPER

Unit: EA Qty: 1

Part No. KUS9

- Easy to use ergonomic stripper for Tight Buffered and Loose Tube cables
- Strips the 250um coating from Loose Tube, Riser and pigtails
- Strip range 0.18 to 0.3mm

STRIPPING TOOLS - CORE STRIPPER

FIBRE STRIPPER TRI HOLE 250 900 AND 3MM

Unit: EA Qty: 1

Part No. 45FC250

- Multi-function ergonomic stripper for Tight Buffered and Loose Tube cables
- Strips the 250um coating from Loose Tube, Riser and pigtails
- Strips the 900um buffer from Riser cables and pigtails
- Strips the outer jacket of 2mm and 3mm patch cords

STRIPPING TOOLS - CORE STRIPPERS

NONIK FIBRE STRIPPER - RED

Unit: EA Qty: 1

Part No. TNONIK-200

- Easy to use ergonomic fibre stripping tool for 200um coated fibres
- Strips the 200um coating from Loose Tube cables
- Suitable only for use on 200um coated fibres

MILLER STRIPPER - 250

Unit: EA Qty: 1

Part No. TSTRIP-250

- Multi-function ergonomic stripper for Tight Buffered and Loose Tube cables
- Strips the 250um coating from Loose Tube, Riser and pigtails
- Strips the outer jacket of 2mm and 3mm patch cords
- Adjustable strip depth

MILLER STRIPPER - 250 & 900UM

Unit: EA Qty: 1

Part No. TSTRIP-250/900

- Multi-function ergonomic stripper for Tight Buffered and Loose Tube cables
- Strips the 250um coating from Loose Tube, Riser and pigtails
- Adjustable strip depth
- Must have for all tool kits

CLAUSS CFS-2 STRIPPER

Unit: EA Qty: 1

Part No. TSTRIP-CFS2

- Easy to use fibre stripping tool, used to prepare fibre for termination/splicing
- Ergonomic grip sits comfortably in your hand
- Suitable for use on 250um fibre
- Must have for all tool kits

FIS STRIPPING TOOLS - CORE STRIPPERS

JACKET STRIPPER - TRI-HOLE

Unit: EA Qty: 1

Part No. TSTRIP-250/900/3MM

- Multi-function ergonomic stripper for Tight Buffered and Loose Tube cables
- Strips the 250um coating from Loose Tube, Riser and pigtails
- Strips the 900um buffer from Riser cables and pigtails
- Strips the outer jacket of 2mm and 3mm patch cords

SCRIBES

SCRIBES

FIBRE SCRIBE - WEDGE TIP

Unit: EA Qty: 1

Part No. TSCRIBE-WEDGE

- Easy to use pen style scribe for use with fibre
- Professional grade tool
- Wedge tip

FIBRE SCRIBES

FIBRE SCRIBER

Unit: EA Qty: 1

Part No. 45SCRIBER

- Quality carbide scribe offering a wide cutting surface
- Housed in a metal pen style enclosure

TERMINATION KITS

CONNECTOR TERMINATION TOOLS AND KITS

EPOXY SYRINGE 3ML BLUNT TIP

Unit: KIT Qty: 1

Part No. 45EA3ML

- Syringe for injecting epoxy into fibre connectors
- 3ml syringe
- Blunt tip

EPOXY 2 PART HEAT CURE

Unit: EA Qty: 1

Part No. EPOXY-2PART

- 2 part Epoxy - 2 grams enough for approximately 25-35 connectors
- Heat cure for 5 minutes at 100 Deg C
- Epoxy becomes reddish brown once cured

NBN INSTALLERS KIT TOOLS

Unit: KIT Qty: 1

Part No. NBNKIT-TOOLS

- All-in-1 NBN kit for stripping, cleaning and testing NBN Fibre to the Home installations
- Stripping/cutting tools and cleaning items
- 1-Step fully automatic precision cleaver with universal holder
- Supplied with a heavy-duty water and dustproof case

FIBRE OPTIC CONNECTOR INSTALLERS KIT

Unit: KIT Qty: 1

Part No. FIBREKIT4

- Contains all tools required for fibre optic termination
- Includes fibre scriber and two syringes
- Fibre stripper, isopropyl alcohol cleaning liquid
- Rubber working pad

COMPLETE EPOXY CONNECTOR TERMINATION KIT

Unit: EA Qty: 1

Part No. TERMKIT-EPOXY

- All in 1 kit includes various tools required to terminate epoxy fibre connectors
- Includes Kevlar scissors, stripper, syringe and more
- Supplied in a carry pouch to keep all items together

BELDEN TERMINATION KITS

BRILLIANCE PRECISION TERMINATION KIT

Unit: EA Qty: 1

Part No. BEL-AX104271

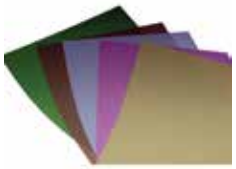
- Faster termination - as few as 5 seconds
- Integrated VFL improves termination yield
- Reduce training and tooling expense
- Full kit includes precision cleaver and visual fault indicator

POLISHING TOOLS

LAPPING FILM DISC

2UM 1 STEP LAPPING FILM - 3M 85932

Unit: PAK Qty: 6



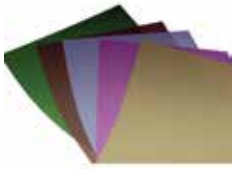
Part No. FILM-2-ROUND

- Use for a fine, consistent, precision finish. Micron-graded premium minerals and resin-bonded for reliable, repeatable performance
- 2um round discs - Pack of 6

LAPPING FILM SHEET

0.05UM LAPPING FILM 6 X 6 INCH YELLOW

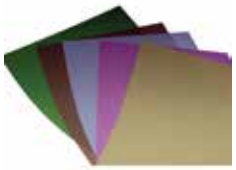
Unit: PAK Qty: 6



Part No. FILM-0.05

- Quality material for accurate polishing
- Size: 6x6 inch
- Hand polish film - 0.05um grit
- Aluminium Oxide
- Colour: Yellow

LAPPING FILM SHEET 23 X 17CM



- Quality material for accurate polishing
- Size: 23x17cm
- Hand polish film - 0.3um grit
- Aluminium Oxide

Part No.	Description	Unit	Qty
FILM-0.3	0.3UM LAPPING FILM 23 X 17CM WHITE	PAK	6
FILM-1	1UM LAPPING FILM 23 X 17CM LIGHT GREEN	PAK	6
FILM-3	3UM LAPPING FILM 23 X 17CM PINK	PAK	6
FILM-5	5UM LAPPING FILM 23 X 17CM BLACK	PAK	6
FILM-9	9UM LAPPING FILM 23 X 17CM BLUE	PAK	6
FILM-12	12UM LAPPING FILM 23 X 17CM DARK YELLOW	PAK	6

POLISHING PUKS AND JIGS

POLISHING PUK - LC - DUPLEX

Unit: EA Qty: 1

Part No. TPUK-LC

- Polishing puk pad for use with polishing films when terminating fibre connectors
- Compatible with LC connectors

POLISHING PUK - SC

Unit: EA Qty: 1

Part No. TPUK-SC

- Polishing puk pad for use with polishing films when terminating fibre connectors
- Compatible with SC connectors

POLISHING PUK - ST

Unit: EA Qty: 1

Part No. TPUK-ST

- Polishing puk pad for use with polishing films when terminating fibre connectors
- Compatible with ST connectors

POLISHING TOOLS OTHER

PLASTIC CONNECTOR POLISHING KIT

Unit: EA Qty: 1

Part No. CON-HFBR4593Z

- Polishing Kit for the Avago Versatile Link family of connectors
- Includes 1x polishing fixture and 2x 600 grit abrasive paper
- 2x 3um pink lapping film
- RoHS-Compliant

RUBBER POLISHING PAD

Unit: EA Qty: 1

Part No. TPAD-SQ

- Square polishing pad for use with polishing films when terminating fibre connectors
- Quickly and easily polish fibre ready for termination
- square shaped mat

CLEANING CONSUMABLES

CLEANING KITS

CLEANING KIT CASSETTE REEL LFWIPES

Unit: EA Qty: 1

Part No. CLEANKIT1

- Includes all the standard components needed to clean fibre connectors prior to installation
- Supplied with a good quality material zip bag
- Cassette cleaner, replacement reel, 10x pre-saturated wipes
- 100x 2.5mm swabs, 50x 1.25mm swabs, lint free wipes

CLEANING KIT FOR CONTRACTORS

Unit: EA Qty: 1

Part No. CLEANKIT-CONT

- Includes all the standard components needed to clean fibre connectors prior to installation with contractors in mind
- Supplied with a good quality material zip bag
- Cassette cleaner, replacement reel, 10x pre-saturated wipes
- 1Click Cleaner for 1.25mm LC and MU connectors
- 100x 2.5mm swabs, 50x 1.25mm swabs, lint free wipes

CLEANING KIT FOR TELCO

Unit: EA Qty: 1

Part No. CLEANKIT-TELCO

- Includes all the standard components needed to clean fibre connectors prior to installation with Telco's in mind
- Supplied with a good quality material zip bag
- Cassette cleaner, replacement reel, 10x pre-saturated wipes
- 1Click Cleaner for 2.5mm FC, SC, SCA and ST connectors
- 100x 2.5mm swabs, 50x 1.25mm swabs, lint free wipes

CLEANING CONSUMABLES

ISOPROPYL ALCOHOL - BOTTLE

Unit: EA Qty: 1

Part No. ALCOHOL-1

- Isopropyl alcohol 99.8 per cent pure for cleaning of fibre optics
- Available in bottle, spray pump or 6oz dispenser

ISOPROPYL ALCOHOL SPRAY PUMP BTL 125ML

Unit: EA Qty: 1

Part No. ALCOHOL-125

- Isopropyl alcohol 99.8 per cent pure for cleaning of fibre optics
- Available in bottle, spray pump or 6oz dispenser

ISOPROPYL ALCOHOL DISPENSER - 6OZ

Unit: EA Qty: 1

Part No. ALCOHOL-6OZ

- 6oz automatic poly dispensing bottle
- Lightweight durable plastic
- Stainless Steel push pump

FIBRE TOOLS AND CLEANING

PRESSURISED CANNED AIR

Unit: EA Qty: 1

Part No. CANAIR

- Removes particles from inaccessible areas, ideal for cleaning sensitive equipment including fibre connectors
- Supplied with extension nozzle
- NOTE: Cannot be Air Freighted

ONE CLICK CLEANER SUIT LC MU

Unit: EA Qty: 1

Part No. CLEANER-1CLICK1.25

- Easy-to-use solution for cleaning connectors in adaptors. A must-have for field technicians - fits in a pocket
- Push until an audible click is heard
- Cleans both A/PC and U/PC connectors, suits ST, SC, FC
- Precise mechanical action delivers consistent cleaning results
- 800 Cleans per cleaner

ONE CLICK CLEANER SUIT ST SC FC

Unit: EA Qty: 1

Part No. CLEANER-1CLICK-2.5

- Easy-to-use solution for cleaning connectors in adaptors. A must-have for field technicians - fits in a pocket
- Push until an audible click is heard
- Cleans both A/PC and U/PC connectors, suits LC, MU
- Precise mechanical action delivers consistent cleaning results
- 800 Cleans per cleaner

UNIVERSAL CONNECTOR CLEANER - 20FT

Unit: EA Qty: 1

Part No. CLEANER-C

- Dry woven film (6.5m) with protection lid
- Cleans ferrule ends and connector bulkheads
- Removes dust, oil, grime and moisture
- Dissipates static charges from connector end faces

UNIVERSAL CONNECTOR CLEANER REEL - 6 MTR

Unit: EA Qty: 1

Part No. CLEANER-R

- Replacement reel to suit Fibre Optic Connector Economy Cleaner (Part No. CLEANER-C)
- White tape
- Length: 6.5m

CLEANING KIT REPLACEMENT REEL

Unit: EA Qty: 1

Part No. CLEANKIT1-RREEL

- 500 wipe replacement reel to suit cleaning cassette in CLEANKIT1
- White tape

CLETOP TYPE A CASSETTE (SC ST FC SMA)

Unit: EA Qty: 1

Part No. CLETOP-A

- Designed to consistently achieve high quality cleaning without alcohol or other solvents
- One cleaning tape can be used for over 400 wipes
- Cleaning tape is replaceable and cost effective
- Excellent anti-static properties to avoid reattachment of dust

CLETOP CASSETTE TYPE B LC MTRJ MU MPO

Unit: EA Qty: 1

Part No. CLETOP-B

- Designed to consistently achieve high quality cleaning without alcohol or other solvents
- One cleaning tape can be used for over 400 wipes
- Cleaning tape is replaceable and cost effective
- Excellent anti-static properties to avoid reattachment of dust

CLETOP REPLACEMENT REEL FOR TYPE A & B

Unit: EA Qty: 1

Part No. CLETOP-REEL

- 400 wipe replacement reel to suit cleaning cassette Part No. CLETOP-A/CLETOP-B
- White tape

ISOPROPYL WIPES TUB OF 100

Unit: EA Qty: 1

Part No. ISOWIPE

- Commercial grade cleaner, impregnated with 70 per cent Isopropyl Alcohol
- Convenient for travel
- With a compact, easy to use dispenser

LINT FREE KIMWIPES - BOX OF 280

Unit: EA Qty: 1

Part No. LFWIPES

- Optical grade lint free wipes
- Far stronger than traditional wipes, for better cleaning
- No glues, bleach or cellulose to degrade end faces
- Highly cost effective

FIBRE SHARPS CONTAINER

Unit: EA Qty: 1

Part No. SHARPS2

- Fibre sharps storage container. Ideal for the tool kit, van and workshop
- Small compact size makes it portable (11cm x 4.8cm)
- Clearly labelled as a sharps container for safety

CLEANING STICK PACK OF 5 (1.25 FERRULES)

Unit: EA Qty: 1

Part No. STICK-1.25

- Disposable cleaning stick for connector end faces
- For use with 1.25mm ferrules
- Ideal for cleaning LC and MU connectors
- Pack of 5

CLEANING STICK PACK OF 5 (2.5 FERRULES)

Unit: EA Qty: 1

Part No. STICK-2.50

- Disposable cleaning stick for connector end faces
- For use with 2.5mm ferrules
- Ideal for cleaning FC, FCA , SC, SCA and ST connectors
- Pack of 5

SYRINGE AND NEEDLE

Unit: EA Qty: 1

Part No. SYRINGE

- Easy to use syringe for injecting epoxy into fibre connectors
- Includes both syringe and needle

CONNECTOR TERMINATION TOOLS

TUBING 3MM

- Zero/Zero fibre designed to terminate to a wide range of connector styles
- Simplex 3.0mm
- Accommodates 250um bare or 900um tight buffered fibres
- Inner tube surrounded by aramid fibres and made from PVC jacket

Part No.	Description	Unit	Qty
FIBRE-3MM-AQ	3MM ZERO TUBING WITH KEVLAR - AQUA	M	1
FIBRE-3MM-BK	3MM ZERO TUBING WITH KEVLAR - BLACK	M	1
FIBRE-3MM-BL	3MM ZERO TUBING WITH KEVLAR - BLUE	M	1
FIBRE-3MM-BR	3MM ZERO TUBING WITH KEVLAR - BROWN	M	1
FIBRE-3MM-GN	3MM ZERO TUBING WITH KEVLAR - GREEN	M	1
FIBRE-3MM-OR	3MM ZERO TUBING WITH KEVLAR - ORANGE	M	1
FIBRE-3MM-RD	3MM ZERO TUBING WITH KEVLAR - RED	M	1
FIBRE-3MM-RO	3MM ZERO TUBING WITH KEVLAR - ROSE	M	1
FIBRE-3MM-SL	3MM ZERO TUBING WITH KEVLAR - SLATE	M	1
FIBRE-3MM-VT	3MM ZERO TUBING WITH KEVLAR - VIOLET	M	1
FIBRE-3MM-WH	3MM ZERO TUBING WITH KEVLAR - WHITE	M	1
FIBRE-3MM-YL	3MM ZERO TUBING WITH KEVLAR - YELLOW	M	1

TUBING 2MM

- Over-sleeving/Zero fibre designed to terminate to a wide range of connector styles
- Simplex 2.0mm.
- Accommodates 250um bare or 900um tight buffered fibres
- Inner tube surrounded by aramid fibres and made from PVC jacket

Part No.	Description	Unit	Qty
FIBRE-2MM-AQ	2MM ZERO TUBING WITH KEVLAR - AQUA	M	1
FIBRE-2MM-BK	2MM ZERO TUBING WITH KEVLAR - BLACK	M	1
FIBRE-2MM-OR	2MM ZERO TUBING WITH KEVLAR - ORANGE	M	1
FIBRE-2MM-YL	2MM ZERO TUBING WITH KEVLAR - YELLOW	M	1

CRIMP TOOLS

FIBRE CRIMPER SUITS FOX CONNECTION

Unit: EA Qty: 1

CABAC

Part No. 45CRTLF

- Crimps standard epoxy based ST/SC/SMA connectors
- Hardened precision die