

PRE TERMINATED FIBRE

Steel Wire Armoured

Harsh Environment Connectivity

APPLICATIONS

- Inter-site Connections
- Suitable for Direct Burial
- Indoor & Outdoor
- Harsh Environments
- High Performance, High Speed

FEATURES

- 2mm ruggedised tails
- Heavy duty pulling tube
- LSZH sheath
- Rodent Proof
- Excellent crush resistance
- Shipped on 3 flange drum

BENEFITS

- Quick & easy installation
- Can be used inside/outside
- Made in the UK
- Quick delivery
- Excellent mechanic protection
- No special skills required

OPTIONS

- Multimode OM1, OM2 , OM3 & OM4
- Singlemode OS1/2
- LC, SC, ST Connectors
- FC, E2000 on request
- Hawke Gland on request
- Up to 24 fibres



Indoor / Outdoor Pre Terminated Fibre

Our multi-fibre pre-terminated Steel Wire Armoured (SWA) cables are extremely rugged and are ideal for linking remote networks or equipment, where the cable need mechanical end environmental protection.

The steel wire armouring provides excellent crush resistance yes it still flexible and has little cable memory. The inner tube has a water blocking gel which provides a barrier against water ingress and protects the fibres against compression from temperature extremes.

The outer sheath is LSZH (Low Smoke Zero Halogen) and Fire Resistant to IEC 60332-1/-3 so if suitable for internal routing.

We terminate high quality connectors directly onto the fibre (rather than splicing) to give superior insertion and return losses. The clean production environment enables us to maintain a consistent high quality termination and quick production times.

Each assembly is individually made and tested to your specifications. Simply choose the length, connectors (LC, ST, SC), number of fibre cores (4-24) and fibre type (Multimode or Singlemode) and we will make and ship it to you.



Free
Delivery



3-5
days

Made to
order



Technical
support

Pre Terminated multi-fibre cables can save time and money

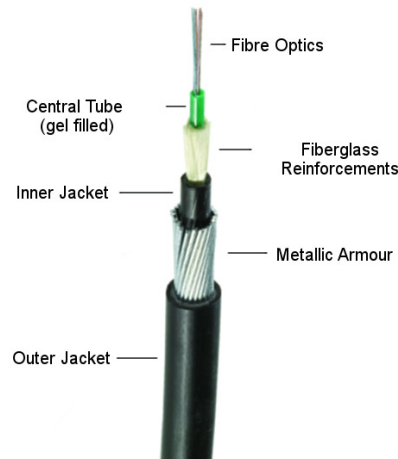
Our Pre Terminated fibre optic cable allows a fibre optic network to be up and running in a fraction of the time taken by conventional on-site direct termination or fusion splicing. It requires no special installation skills or equipment and can be installed by non-specialist personnel, vastly reducing the installation costs.

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Cable Specifications

These are extracted from the manufacturers specification sheet, further details such as attenuation figures are available on request.

	Fibre Options	Multimode: 62.5/125 OM1, 50/125 OM2, OM3 & OM4 Singlemode: 9/125 OS1
	Outer Jacket Diameter	Black, LSZH 11.1mm / 12.3mm (4-12 / 16-24 Cores)
	Weight	217 / 240kg/km
	Min Bend Radius (long term)	167mm / 185mm
	Min Bend Radius (short term)	222mm / 246mm
	Max Tensile Load	3500N / 4500N
	Max Crush Resistance	3500N/10cm / 4500N/10cm
	Temperature Range (installation)	-25 °C to +70 °C

Pulling Tube Assembly

A specially developed protection sleeve is fitted to each end of the cable assembly to protect the connectors during shipping and installation. A crimp ring is attached to the glass yarn strength members and this longitudinal strength is transferred to the pulling tube by the epoxy bonded cable gland, therefore able to withstand the high tensile loads applied when pulling cables through ducts. A pulling ring or fused swivel can be attached to the tube cap.

Protective Tube Diameter	32mm
Gland Nut	20mm (4-8 core), 25mm (12+)
Tail Length	>0.3m + 40mm per connector



Connectors

These are staggered within the protective tube at 3-4 cm intervals, LC's can be paired off but ST and SC are single. The tails are ruggedized with 2mm tubing to provide extra protection and to allow plugging directly into equipment, although we would recommend that containment is used (a patch panel, wall box or ODF). If same length tails are required we can provide an alternative solution, please ask us for details.

Installation Instructions

After cable installation, the protective sleeves are removed and the connectors are threaded through the gland hole of any cable management enclosure. A gland nut is used to secure the cable gland in place. The connectors are simply connected to the adaptors inside the enclosure to complete the installation.

Detailed instructions are provided upon receipt of an order, we can also provide you with telephone support on the phone to help your installation be a success.

Each assembly is fully tested and certified to ensure that the quality of the complete cable assembly is guaranteed before shipping to site. A Test Certificate is included.