

## PRE TERMINATED FIBRE



# Loose Tube

## Outdoor connectivity

### APPLICATIONS

- Building backbones
- Risers & Horizontal
- Indoor & Outdoor
- Inter-Cabinet links (DC)
- Trays or Ducts

### FEATURES

- 2mm ruggedised tails
- Strong protective pulling tube
- Water Blocking design
- Metal-free, non conductive
- Lightweight - easy to handle
- LSZH outer sheath

### BENEFITS

- Quick & easy installation
- Can be used inside/outside
- Made in the UK
- Quick delivery
- Flexible cable is easy to route
- 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



### Outdoor Pre Terminated Fibre

Our multi-fibre pre-terminated loose tube cables are perfect for connecting networks in different buildings or reaching remote locations within the same building where noise, distance or bandwidth require the use of fibre optics.

The cable is gel filled and has water blocking glass yarns so is suitable for ducts which may become flooded.

The outer sheath is LSZH (Low Smoke Zero Halogen) and Fire Resistant to IEC 60332-1.

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

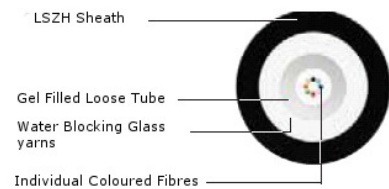
Our Pre Terminated fibre optic cable allows a fibre optic network to be up and running in a fraction of the time taken by conventional on-site direct termination or fusion splicing. It requires no special installation skills or equipment and can be installed by non-specialist personnel, vastly reducing 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 OS1/2
Outer Jacket Diameter	Black, LSZH 5.8mm (4-12 Fibre) 6.93mm (16-24 Fibre)
Weight	37kg/km (4-12), 48kg/km (16-24)
Min Bend Radius (long term)	58mm / 69mm
Min Bend Radius (short term)	87mm / 104mm
Max Tensile Load	1,000N
Max Crush Resistance	1,500N/m
Temperature Range (Operation)	-40 °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	30mm
Gland Nut	20mm
Tube 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.**