

## PRE TERMINATED FIBRE

# Corrugated Steel Tape Armoured Rugged Outdoor connectivity

### APPLICATIONS

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

### FEATURES

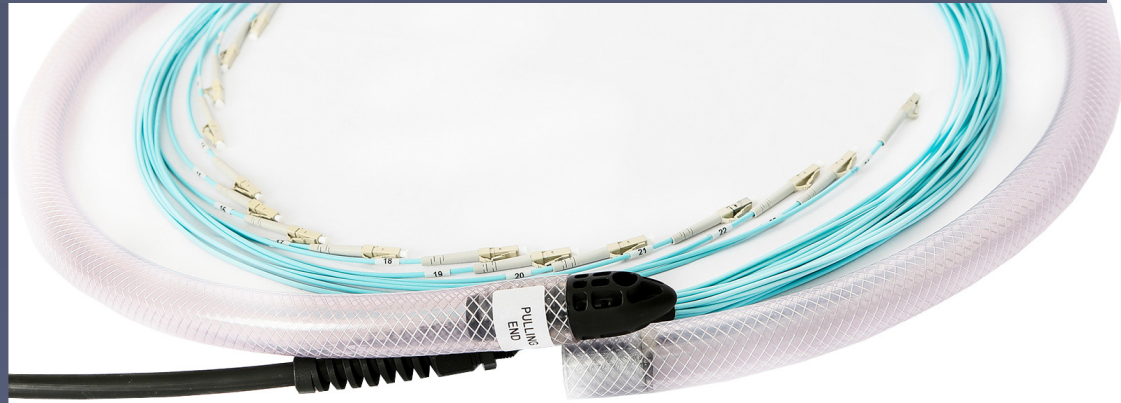
- 2mm ruggedised tails
- Strong protective pulling tube
- LSZH sheath
- Rodent Proof
- High crush resistance
- Shipped on 3 flange drum

### 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



## Outdoor Pre Terminated Fibre

Our multi-fibre pre-terminated corrugated steel tape armoured (CSTA) cables are perfect for linking remote networks or equipment, where the cable required additional mechanical protection or is to be direct buried.

The cable has a water blocking gel and tape which provides a physical barrier against water ingress and additional crush and rodent resistance.

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

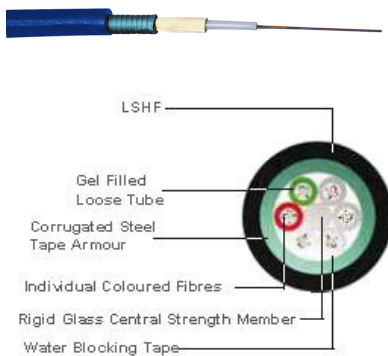
Our Pre Terminated fibre optic cable allows a fibre optic network to be up and running in a fraction of the time taken by conventional on-site direct termination or fusion splicing. It requires no special installation skills or equipment and can be installed by non-specialist personnel, vastly reducing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

## PRE TERMINATED FIBRE

# Corrugated Steel Tape Armoured

### 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	Black, LSZH
Diameter	13.4mm
Weight	227kg/km
Min Bend Radius (long term)	134mm
Min Bend Radius (short term)	237mm
Max Tensile Load	2000N
Max Crush Resistance	7500N/m
Temperature Range (installation)	-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	32mm
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.**