

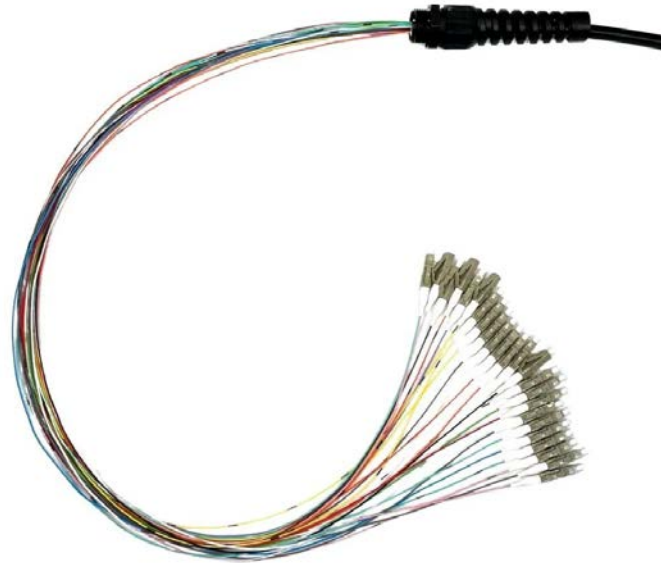
# Pre-Terminated Fibre

## Tight Buffered

Pre terminated tight buffered fibre assemblies offer a quick, easy and cost effective solution. Supplied ready to plug and go, they remove the need for on site termination and specialist equipment, reducing on-site labour costs.

The tight buffered assembly is best suited to indoor and some outdoor applications, with a LSZH jacket for added assurance. With 900µm colour coded tails, the design is compact and lightweight, while remaining robust enough for commercial and industrial settings.

All assemblies are UK manufactured and built to your specification, ensuring consistent quality and a solution tailored to your requirements.



### Highlights



Quick & easy installation



Plug & play solution



Lightweight design



Manufactured in the UK



Cost effective solution

## Applications



Building backbones

Inter-cabinet links



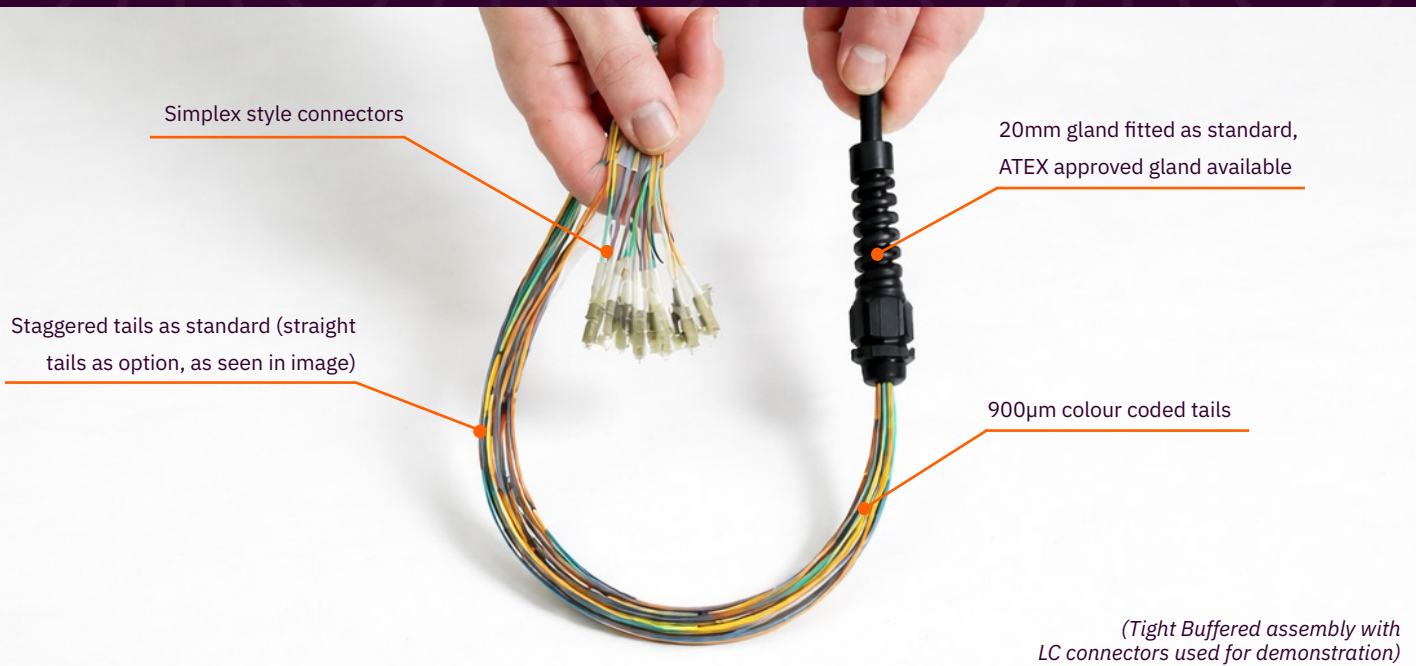
Indoor & some outdoor\* use

Campus networks



Trays & non-submerged ducts




*\*In ducts not prone to flooding*








## Configurable Options

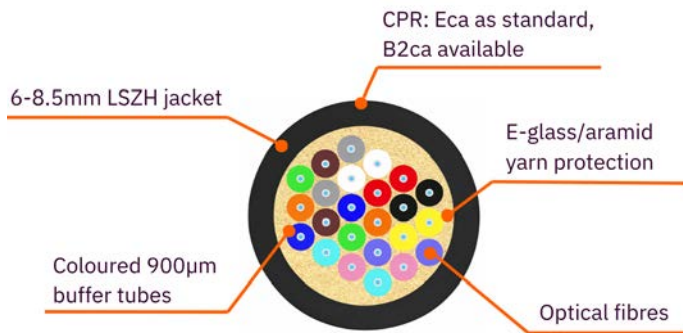
- Multimode OM1, OM3, OM4
- Singlemode OS2
- LC, SC, ST (PC) Connectors
- FC, E2000 & APC on request
- Hawke ATEX gland on request
- Up to 24 fibres

## Features

-  **900µm terminated tails**  
Colour coded for easy identification. 2mm ruggedised tails available.
-  **LSZH outer jacket**  
Low Smoke Zero Halogen sheath for added assurance for internal routing.
-  **Compact, versatile cable**  
From 5.8mm diameter, suitable for indoor applications, and some outdoor use.
-  **Strong protective pulling tube**  
Integrated pulling tube to support and protect fibres during installation.
-  **Lightweight design**  
Robust and lightweight, aiding handling and installation.

## Benefits

-  **Quick and easy installation**  
Pre-termination eliminates field termination or splicing, saving time and labour costs.
-  **Ideal for indoor and some outdoor use**  
Designed for inside panels and closures for vertical and horizontal patching.
-  **Custom made in the UK & fast turnaround**  
Factory terminated assemblies deliver lowest insertion losses and short lead times.
-  **Flexible and easy to route**  
Lightweight, compact cable makes routing and handling straightforward during installation.
-  **Colour coded for easy identification**  
Coloured fibre tails simplify installation, fault finding and ongoing maintenance.



Cable Construction Specifications	
Diameter	6.5mm
Nominal Weight	4-24 fibres: 34kg/km – 63 kg/km
Minimum Bend Radius	Install: 20D, Static: 10D
Max Crush Resistance	2000N/100mm <sup>2</sup>
Temperature Range	-20°C to +60°C

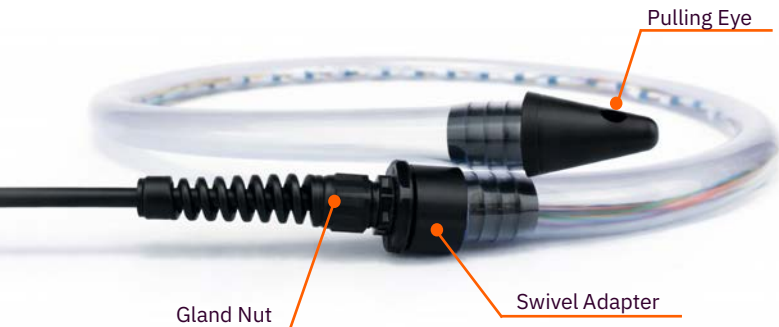
Fibre Mode	Fast Ethernet	1000Base-SX	10GBase-SR	40GBase-SR4	100GBase-SR10
Multimode OM1	2km	275m	33m	N/A	N/A
Multimode OM3	2km	800m	300m	100m	100m
Multimode OM4	2km	1100m	400m	150m	150m
Singlemode OS2	40km	100km	40km	40km	40km

Connector Type	IL Typical	IL Max.	Return Loss
Single-mode UPC	<0.25dB	<0.35dB	≥50dB
Single-mode APC	<0.25dB	<0.35dB	≥60dB
Multimode UPC & APC	<0.25dB	<0.50dB	≥25dB

These specifications are taken from the manufacturer’s datasheet. If you need any additional technical details, including attenuation figures or further performance information, please don’t hesitate to [get in touch](#), we’re always happy to help.

## Protective Pulling Tube

Each cable is fitted with a robust protective tube to keep the connectors safe during shipping, handling and installation. The tube is designed to take the strain when the cable is pulled through ducts, protecting the fibre and connectors from damage under high tensile loads.



Tube Diameter	40.5mm widest point
Gland Nut	20mm
Pull force	400N

## Explore The Full Pre-Terminated Range

We offer one of the UK's largest range of pre-terminated fibre available to configure online, including tight-buffered, loose tube, CSTA and SWA, suitable for a wide variety of indoor, outdoor and direct burial applications.

Check out the video to see our full range [here](#).



## Why Choose Universal Networks Pre-Terminated fibre?



UK manufactured & factory tested



Custom made to your specification



Video guide for easy installation



Free delivery on orders over £200



Technical support & guidance

Universal Networks' pre terminated fibre solutions combine quality, flexibility, and expert support.

[Contact us](#) to discuss your requirements or configure your cable online [here!](#)