

# Fibre Optic Cabling

## Uni-loose Tube Distribution Cable

The Fibrefox Multi-purpose Uni-loose Tube Distribution Cable provides a cost effective solution to all internal or external datacomms cabling requirements, particularly where on-site fusion splicing of pigtails is the preferred termination technique. The cable consists of a single central gel filled uni-tube containing individually colour coded 250 µm buffered fibres. This tube is embedded in a water blocking E-glass yarn, and over sheathed with an FRNC/LSZH (Low Smoke Zero Halogen) outer jacket.

The jacket is flame retardant, UV stabilised and extremely resistant to the ingress of moisture. A choice of multimode and singlemode fibre types and specifications are offered with fibre counts from four to twenty four in the standard range. The very small diameter, lightweight and excellent environmental performance makes the cable ideal for installation in a broad range of network applications including LAN backbones, networks with mixed indoor and outdoor cabling, outdoor in flooded ducts and any premises distribution system.

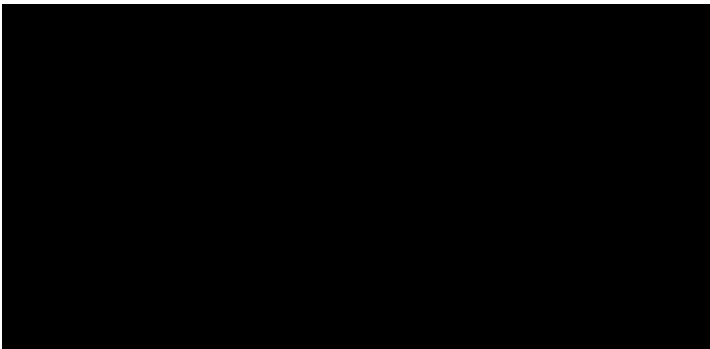
### Features and Benefits

- Fire retardant FRNC/LSZH jacket
- Choice of fibre type and specification - up to 24 fibres
- Water and UV resistant
- Steel tape armoured version available
- 25 Year System Warranty Available
- Choice of outer sheath colours upon request

| Ordering Information            |                |
|---------------------------------|----------------|
| Product Description             | Part Number    |
| Loose Tube OS2 9/125 (Black)    | 002-005-010-XX |
| Loose Tube OM1 62.5/125 (Black) | 002-005-005-XX |
| Loose Tube OM2 50/125 (Black)   | 002-005-006-XX |
| Loose Tube OM3 50/125 (Black)   | 002-005-004-XX |
| Loose Tube OM4 50/125 (Black)   | 002-005-009-XX |

XX - Number of Fibres

| Product Specifications  |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| Jacket Material         | Black FRNC/LSZH                                                                 |
| Max. Tensile Strength   | 1100 N                                                                          |
| Crush Resistance        | 2000 N/10cm                                                                     |
| Impact Resistance       | 3 impacts (w/20N.m)                                                             |
| Min. Bend Radius        | 15 x cable diameter                                                             |
| Min. Bend Radius (Load) | 20 x cable diameter                                                             |
| Moisture Resistance     | Passed                                                                          |
| Temperature Range       | Installation: -5°C to +50°C, Operation: -20°C to +70°C, Storage: -30°C to +70°C |
| Nominal Weight          | 49 kg/km                                                                        |
| Standard Put-up Length  | 2100m, 4100m                                                                    |
| Loose Tube Diameter     | 3.0mm                                                                           |



| Diagram                                     |
|---------------------------------------------|
|                                             |
| 1. Black FRNC outer jacket, UV stable<br>2. |

### Free Cut to Length Service

Connectix hold extensive stock of multi purpose tight buffered distribution cables. We offer a fast turnaround cut to length service providing lengths to your exact requirements. This service is free of charge, and all orders from stock can be available for next day delivery.