

Fibre Optic Cabling

Uni Tube CST Armoured Cable

The Fibrefox Uni Tube Steel Tape Armoured Cable is suitable for installation in the most demanding, harsh environments. The cable has excellent tensile strength, crush resistance characteristics and is also rodent proof. The cable consists of a central jelly filled tube, with up to twenty four optical fibres inside.

The tube is protected with a water blocking glass yarn and a thick inner corrugated steel tape armour is then applied. A black FRNC/LSZH outer sheath then protects the cable construction and is extremely resistant to the ingress of moisture.

A choice of multimode and singlemode fibre types and specifications are offered ranging from 2, up to 24 fibre configurations. This tough rugged cable is ideal for all external environments including LAN direct burial, tunnels and heavy-duty ducts.

Features and Benefits

- High tensile strength and crush resistant
- Choice of fibre type and specification - up to 24 fibres
- Suitable for harsh external environments
- Corrugated Steel Armouring tape
- 50/125, 62.5/125 & singlemode fibre types
- Rodent proof

| Ordering Information | |
|-----------------------------------|----------------|
| Product Description | Part Number |
| Uni Tube CST OS2 9/125 (Black) | 002-005-014-XX |
| Uni Tube CST OM1 62.5/125 (Black) | 002-005-008-XX |
| Uni Tube CST OM2 50/125 (Black) | 002-005-007-XX |
| Uni Tube CST OM3 50/125 (Black) | 002-005-040-XX |
| Uni Tube CST OM4 50/125 (Black) | 002-005-009-XX |

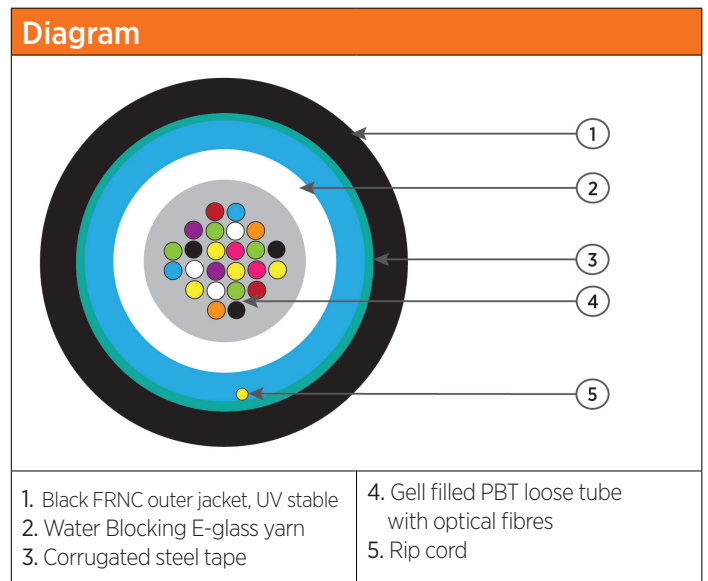
XX - Number of Fibres

| Product Specifications | |
|-------------------------|---|
| Jacket Material | Black FRNC/LSZH |
| Max. Tensile Strength | 1100 N |
| Crush Resistance | 6000 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 +60°C, Storage: -30°C to +70°C |
| Nominal Weight | 87 kg/km |
| Standard Put-up Length | 2100m, 4100m |
| Loose Tube Diameter | 3.0mm |

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.

For core specification please refer to **Fibre Specification data sheet**.



| Product Specifications | |
|-------------------------|--------------------------------------|
| Outer Jacket Thickness | 1.3 +/- 0.2mm |
| Cable Outer Diameter | 7.9 +/- 0.4mm |
| LSZH Jacket Conforms to | IEC 60332-1, IEC 61034 and IEC 60754 |