Fibre Optic Cabling
Uni Tube CST Armoured Cable

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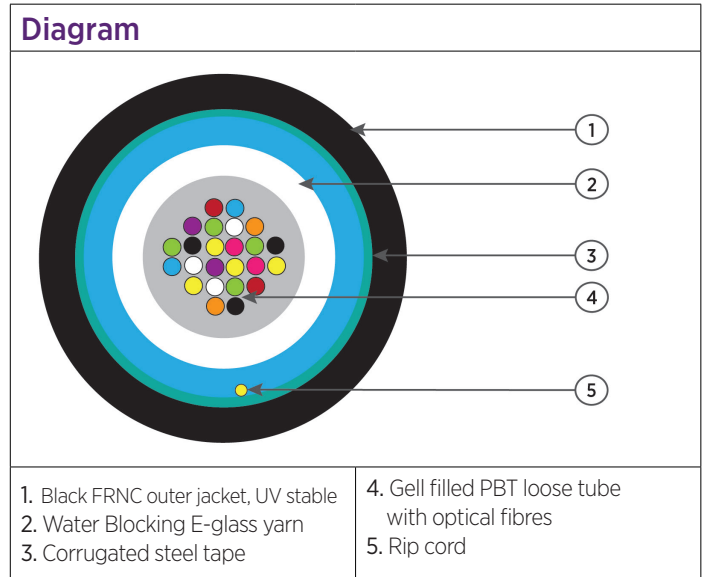
A choice of multimode and singlemode fibre types and specifications are offered ranging from 2, up to 24 fibre configurations. This tough rugged cable is ideal for all external environments including LAN direct burial, tunnels and heavy-duty ducts.

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

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

Diagram

1. Black FRNC outer jacket, UV stable
2. Water Blocking E-glass yarn
3. Corrugated steel tape
4. Gell filled PBT loose tube with optical fibres
5. Rip cord

Free Cut to Length Service

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

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