

Fibre Optic Cabling

SWA Multi Tube Fibre Cable

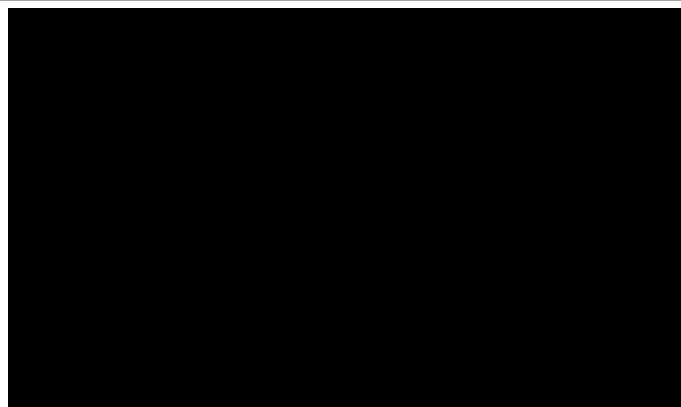


Fibrefox SWA Uni Tube Cable is suitable for direct burial installations making it the perfect solution for the most demanding and harsh environments.

The SWA cable has excellent tensile strength and the layer of 0.9 mm steel wire provides safe rodent protection. The cable core consists of a central jelly filled polyester tube with up to 48 optical fibres contained within. The tube is protected with a water blocking E-glass yarn and a black LDPE, UV stable inner jacket plus a layer of steel wire armouring. All of which is surrounded by a 1.0 mm thick black FRNC/LSZH sheath which protects the cable and construction and is extremely resistant to the ingress of moisture.



Diagram



1. Galvanized steel wire
2. Optical Fibre
3. Filling jelly compound
4. Multi loose tube

5. Central strength member
6. Flooding jelly compound
7. Inner jacket
8. Outer jacket

Features & Benefits

- 48 fibre configuration
- Suitable for indoor and outdoor usage
- Waterproof
- Rodent proof
- Cables have a LSZH flame retardant sheath
- Suitable for direct burial
- Available in OM1/OM2/OM3/OM4/OS2 and singlemode fibre types

Ordering Information

Product Description	Part Number
Multi Tube SWA LSZH OS2 9/125 (Black)	002-005-025-XX
Multi Tube SWA LSZH OM1 62.5/125 (Black)	002-005-027-XX
Multi Tube SWA LSZH OM2 50/125 (Black)	002-005-026-XX
Multi Tube SWA LSZH OM3 50/125 (Black)	002-005-004-XX
Multi Tube SWA LSZH OM4 50/125 (Black)	002-005-009-XX

XX - Number of Fibres

Product Specifications

Jacket Material	Black FRNC/LSOH
Max. Tensile Strength	10,000 N
Crush Resistance	5000 N/10cm
Impact Resistance	5 impacts (w/30N.m)
Min. Bend Radius	12.5 x cable diameter
Min. Bend Radius (Load)	25 x cable diameter
Moisture Resistance	Passed
Temperature Range	Operation: -40°C to +70°C
Loose Tube Diameter	2.5mm
Inner Jacket Thickness	1.0 +/- 0.1mm
Outer Jacket Thickness	1.9 +/- 0.1mm
Cable Outer Diameter	14.6 +/- 0.5mm
LSOH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754