

SWA Uni Loose Tube Fibre Cable

The SWA Uni Loose 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 gel filled polyester tube with up to 24 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 1.0mm thick black FRNC/LSZH sheath which protects the cable and construction and is extremely resistant to the ingress of moisture.

A choice of multimode and singlemode fibre types and specifications are offered ranging from 4, up to 24 fibre configurations.

This tough rugged cable is ideal for all external environments including direct burial, tunnels and heavy-duty ducts.

Features & Benefits

- 4 to 24 fibre configuration
- Suitable for outdoor usage
- Waterproof
- Rodent proof
- Cables have a LSZH flame retardant sheath, Fca
- Suitable for direct burial
- Available in multimode and singlemode fibre types



Product Specifications	
Jacket Material	Black FRNC/LSOH
Max. Tensile Strength	4,000N
Crush Resistance	4000 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	3.0mm
Inner Jacket Thickness	1.0 +/- 0.1mm
Outer Jacket Thickness	1.4 +/- 0.3mm
Cable Outer Diameter	10.7 +/- 0.4mm
LSZH Jacket Conforms To	IEC 60332-1, IEC 61034 and IEC 60754

For core specification please refer to Fibre Specification data sheet.

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

XX - Number of Fibres