



## SWA Uni Tube Fibre Cable

### Features & Benefits

- 4 to 24 fibre configuration
- Suitable for indoor and outdoor usage
- Waterproof
- Rodent proof
- Cables have a LSZH flame retardant sheath
- Suitable for direct burial
- Available in 50/125, 62.5/125 and singlemode fibre types

### Specification

Jacket Material	Black FRNC/LSZH
Max. Tensile Strength	4000 N
Crush Resistance	4000 N/10cm
Impact Resistance	3 impacts (w/30N.m)
Min. Bend Radius	15 x cable diameter
Min. Bend Radius (Load)	20 x cable diameter
Moisture Resistance	Passed
Compound Flow	30cm / 24h / 70°C passed
Temperature Range	Installation: -15°C to +50°C Operation: -20°C to +70°C Storage: -30°C to +70°C
Nominal Weight	180 kg/km
Standard Put-up Length	2100m
Loose Tube Diameter	3.0mm
Inner Jacket Thickness	1.0 +/- 0.2mm
Outer Jacket Thickness	1.4 +/- 0.3mm
Cable Outer Diameter	10.7 +/- 0.4mm

### 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

Starlight™ 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 0.9mm steel wire provides safe rodent protection.

The cable core consists of a central jelly filled 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 0.9mm steel wire armouring. All of which is surrounded by a 1.5mm 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.