

# Connectix Cabling Systems™

## SWA Uni Loose Tube Fibre Cable

Fibrefox SWA Multi 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 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 1.0 mm 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 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    |
|----------------------------------------|----------------|
| 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

### Product Specifications

|                         |                                      |
|-------------------------|--------------------------------------|
| Jacket Material         | Black FRNC/LSOH                      |
| Max. Tensile Strength   | 4,000 N                              |
| 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.