Connectix
Cabling Systems™

Features & Benefits

• Fire retardant FRNC/LSZH jacket
• Up to 24 fibres
• Choice of fibre type and specification
• Small diameter
• Water and UV resistant
• Internal or external use
• Small bending radius
• Low cost
• Steel tape armoured version available

Specifications

Jacket Material	Black FRNC/LSZH
Max. Tensile Strength	1100 N
Crush Resistance	2000 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 +70°C
	Storage: -30°C to +70°C
Nominal Weight	49 kg/km
Standard Put-up Length	2100m, 4100m
Loose Tube Diameter	3.0mm
Outer Jacket Thickness	1.3 +/- 0.3mm
Cable Outer Diameter	6.4 +/- 0.5mm
LSZH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754

Ordering Information

Product Description	Part Number
Loose Tube OS2 9/125 (Black)	002-005-010-xx
Loose Tube OM1 62.5/125 (Black)	002-005-005-xx
Loose Tube OM2 50/125 (Black)	002-005-006-xx
Loose Tube OM3 50/125 (Black)	002-005-004-xx
Loose Tube OM4 50/125 (Black)	002-005-009-xx

xx = number of fibres

Free Cut to Length Service

Connectix hold extensive stock of multi purpose uni-loose tube distribution cables. We oer 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.

The Fibrefox Multi-purpose Uni-loose Tube Distribution Cable provides a cost eective solution to all internal or external datacomms cabling requirements, particularly where on-site fusion splicing of pigtails is the preferred termination technique.

The cable consists of a single central gel filled uni-tube containing individually colour coded 250 µm buered fibres. This tube is embedded in a water blocking E-glass yarn, and over sheathed with an FRNC/LSZH (Low Smoke Zero Halogen) outer jacket. The jacket is flame retardant, UV stabilised and extremely resistant to the ingress of moisture.

A choice of multimode and singlemode fibre types and specifications are oered with fibre counts from four to twenty four in the standard range.

The very small diameter, lightweight and excellent environmental performance makes the cable ideal for installation in a broad range of network applications including LAN backbones, networks with mixed indoor and outdoor cabling, outdoor in flooded ducts and any premises distribution system.

Black FRNC outer jacket, UV stable
(Other colours available on request)

Gell filled PBT loose tube with optical fibres

Waterblocking E-glass yarn

Updated 01/2017