

# Fibre Optic Cabling

## Tight Buffered Distribution Cable

The Fibrefox Multi-purpose Tight Buffered Distribution Cable provides a cost effective solution to all internal/external datacomms cabling requirements, particularly where on-site direct connections are the preferred termination technique. The cable consists of individually colour coded 900  $\mu\text{m}$  secondary coated fibres, embedded in an E-glass yarn, and over sheathed with a single Low Smoke Zero Halogen (LSZH) 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 offered, with fibre counts from two to twenty four in the standard range.

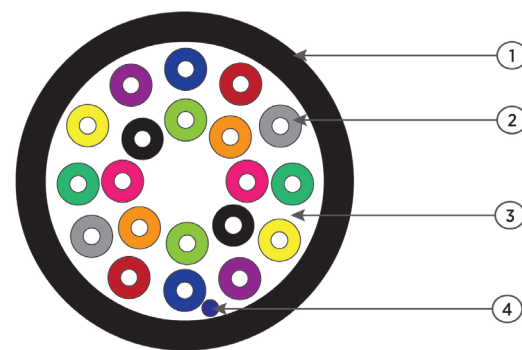
Their small diameter, lightweight and excellent environmental performance makes these cables ideal for installation in a broad range of network applications including LAN backbones, networks with mixed indoor and outdoor cabling, outdoor in flooded ducts and any premises distribution system.

### Features and Benefits

- Fire retardant LSZH jacket
- Up to 24 fibres
- Choice of fibre type and specification
- Small diameter
- Water and UV resistant
- Internal or external use
- Easy to handle
- Small bending radius
- Low cost
- 25 Year System Warranty Available
- Choice of outer sheath colours upon request



### Diagram



1. Black LSFZH out Jacket, UV stable  
(Other colours available upon request)
2. LSFZH buffered optical fibre

3. Water blocking E-glass yarn
4. Rip cord

### Ordering Information

Product Description	Part Number
Tight Buffered OS2 9/125 (Black)	002-005-011-XX
Tight Buffered OM1 62.5/125 (Black)	002-005-005-XX
Tight Buffered OM2 50/125 (Black)	002-005-006-XX
Tight Buffered OM3 50/125 (Black)	002-005-004-XX
Tight Buffered OM4 50/125 (Black)	002-005-009-XX

XX - Number of Fibres

### Product Specifications

Jacket Material	Black LSZH				
Crush Resistance	1000 N/100mm <sup>2</sup>				
Min. Bend Radius	10 x cable diameter				
Min. Bend Radius (Load)	20 x cable diameter				
Temperature Range	-20°C to + 70°C				
Number of Fibres	4	8	12	16	24
Cable Outer Diameter (+/- 0.2 mm)	5.0	6.2	6.8	7.2	8.0
Outer Jacket Thickness (mm)	1.0	1.0	1.05	1.1	1.15
LSZH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754				

### Free Cut to Length Service

Connectix hold extensive stock of multi purpose tight buffered distribution cables. We offer 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.

For core specification please refer to Fibre Specification data sheet.