

webro



Tight Buffered Fibre Optic Cable

Application

Premise Tight Buffered cables are generally deployed in one of three intra-building areas, which include backbone, horizontal and interconnect.

Mechanical & Electrical Characteristics

Construction:

Fibre Type: See Below
 Cladding: Polyamide 125µm
 Buffer: LSNH 900µm
 Colour Sequence: See Below
 Strength Member: Aramid
 Sheath*: LSNH ● BLK

Standard Reel Lengths:

2100m
 Or custom length

Crush (N):

2000

Impact (Nm):

15

Torsions (turns / m):

5

Fire:

IEC 60332-1

Storage/Operating Temperature:

-20°C to +60°C

Installation Temperature:

-15°C to +60°C

Water Penetration:

≤3m at 24 hours

*Cable image and colours are for illustration purposes only and may vary.

Description

Structured around individual 900µm LSNH (Low Smoke No Halogen) Tight Buffered Fibre, Aramid yarn strength members and LSNH outer sheath

Example Part Numbers

33-09TB08-LSNH

33-Single Mode-TB-8 Fibre-Low Smoke No Halogen

33-Fibre Type-TB-Number of Fibres-Material

Fibre Type

(09) 9/125 Single Mode (OS1/2)
 (50) 50/125 Multi Mode (OM2)*
 (OM3) 50/125 Multi Mode (OM3)*
 (OM4) 50/125 Multi Mode (OM4)*
 (62) 62.5/125 Multi Mode (OM1)

*To be specified at time of order.

Variations

Number of Fibres	Diameter mm	Weight kg/km	Max Tensile load N	Min Static Bend mm	Min Dynamic Bend mm
2 Fibre	4.80	22	460	50	75
4 Fibre	5.00	25	640	55	80
6 Fibre	5.60	29	730	60	85
8 Fibre	5.90	34	920	65	95
12 Fibre	6.50	41	1100	70	100
16 Fibre	7.20	47	1430	75	113
24 Fibre	8.30	62	1430	85	128

Fibre Colour Sequence



*Other colours are available upon request