

Single Loose Tube Fiber Optic Cable Universal (2-24 Fibers)



Description

2 to 24 fiber OM1, OM2, OM3, OM4 multimode or ITU-T G.657A1, ITU-T G.657A2 single mode 250µm single loose tube universal duct cables with e-glass strength members and Low smoke Zero Halogen (LSZH) jacket. The single loose tube cables consist of 2 to 24, 250µm optical fibers in a single gel filled loose tube with e-glass non metallic strength members and black LSZH, UV resistant jacket with ripcord.

Features and Benefits

- Choice of fiber types
- E-glass strength members for rodent resistance
- Compact 250µm loose tube construction
- Colour coded 250µm fibers
- LSZH jacket option for indoor/outdoor applications
- Materials compliant to RoHS, REACH, SvHC

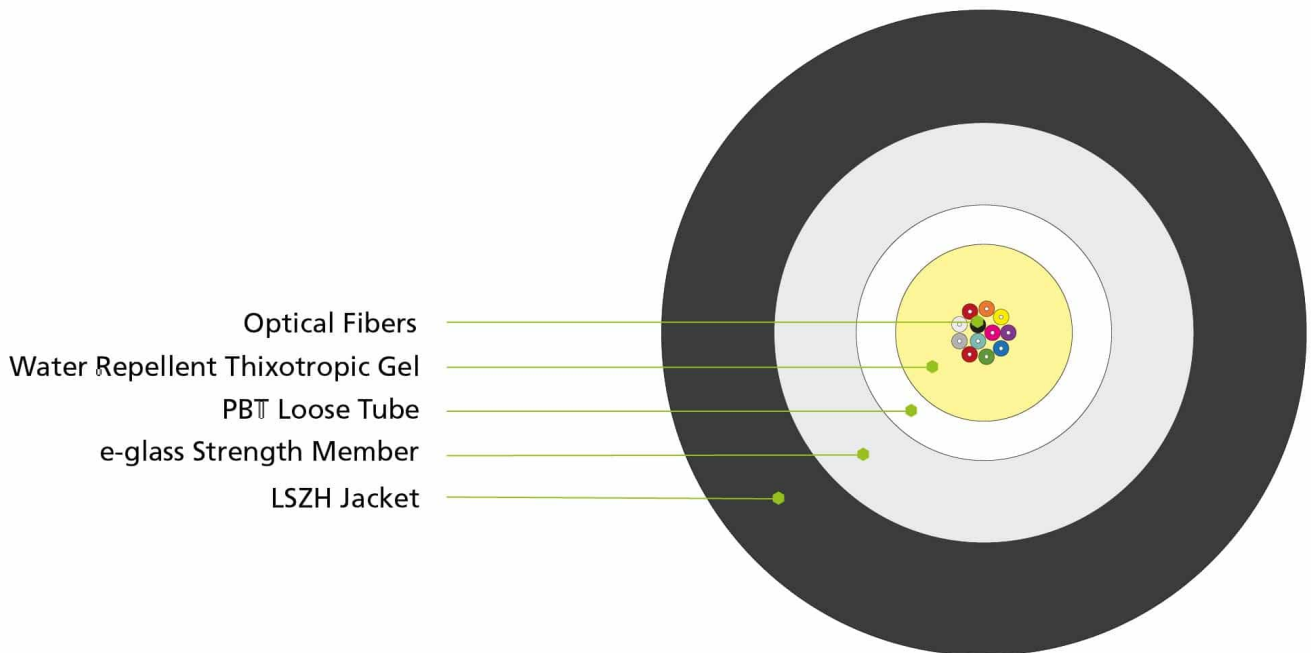
Applications

- Suitable for duct applications
- Ideal for intra building links in campus environments
- Suitable for environments where rodent resistance is required
- Not for use where cable is required to meet CPR

Specifications

Parameter	Unit	Value
Crush	N/100 mm	1000
Strength member		E-glass
Storage temperature	°C	-20 to 60
Installation temperature	°C	-5 to 50
Operating temperature	°C	-20 to 60
Nominal weight 2f to 24f	kg/km	48
Fiber count	n	2, 4, 6, 8, 12, 16 & 24
Nominal outer diameter 2f to 24f	mm	6.7 ±0.5
Maximum tensile load (installation)	N	1000
Maximum tensile load (installed)	N	500
Minimum bend radius (installation)	mm	144
Minimum bend radius (installed)	mm	72
Outer Jacket		LSZH
Drum length	km	2 or 4

Technical Drawing



Ordering Information

PART NUMBER (PN)	DESCRIPTION	PHASING OUT PN
C1BQ*U8ZZZ	AFL Hyperscale **f OM1 62.5/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	OM1LT**UBK
C2BQ*U8ZZZ	AFL Hyperscale **f OM2 50/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	OM2LT**UBK
C3BQ*U8ZZZ	AFL Hyperscale **f OM3 50/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	OM3LT**UBK
C4BQ*U8ZZZ	AFL Hyperscale **f OM4 50/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	OM4LT**UBK
C7BQ*U8ZZZ	AFL Hyperscale **f G.657A1 9/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	OS1LT**UBK
C8BQ*U8ZZZ	AFL Hyperscale **f G.657A2 9/125 Int/Ext Loose Tube Cable E-Glass LSZH Black	7A2LT**UBK

Where * is the cable fiber count code for the part number and ** is the cable fiber count for the description

*Fiber count code - part number	** Cable fiber count - description
2	02
4	04
6	06
8	08
A	12
B	16
C	24

To order a twelve fiber single mode cable For example - C7BQAU8ZZZ AFL Hyperscale 12f G.657A1 9/125 Int/Ext Loose Tube Cable E-Glass LSZH Black

Related Products

