Single Loose Tube STA with E-Glass Universal

Description

Single loose tube (SLT) steel tape armored (STA)   with E-Glass, 2 to 24 fiber   OM1, OM2, OM3, OM4 multimode or G.657A1, G.657A2 single mode 250µm single loose tube metallic armored internal/external rodent resistant duct and direct burial cables with E-glass strength members, and Low Smoke Zero Halogen (LSZH) jacket. The single loose tube cables consists of 2 to 24, 250µm optical fibers in a single gel filled loose tube with longitudinally applied waterblocking E-glass non metallic strength members, Steel tape armor (STA) Corrugated Steel Tape (CST) armoring and Low Smoke Zero Halogen (LSZH) jacket.

Features and Benefits

- Choice of fiber types
- STA CST armoring for enhanced impact, crush and rodent resistance
- Flame retardant LSZH jacket for enhanced fire performance

- Colour coded fibers
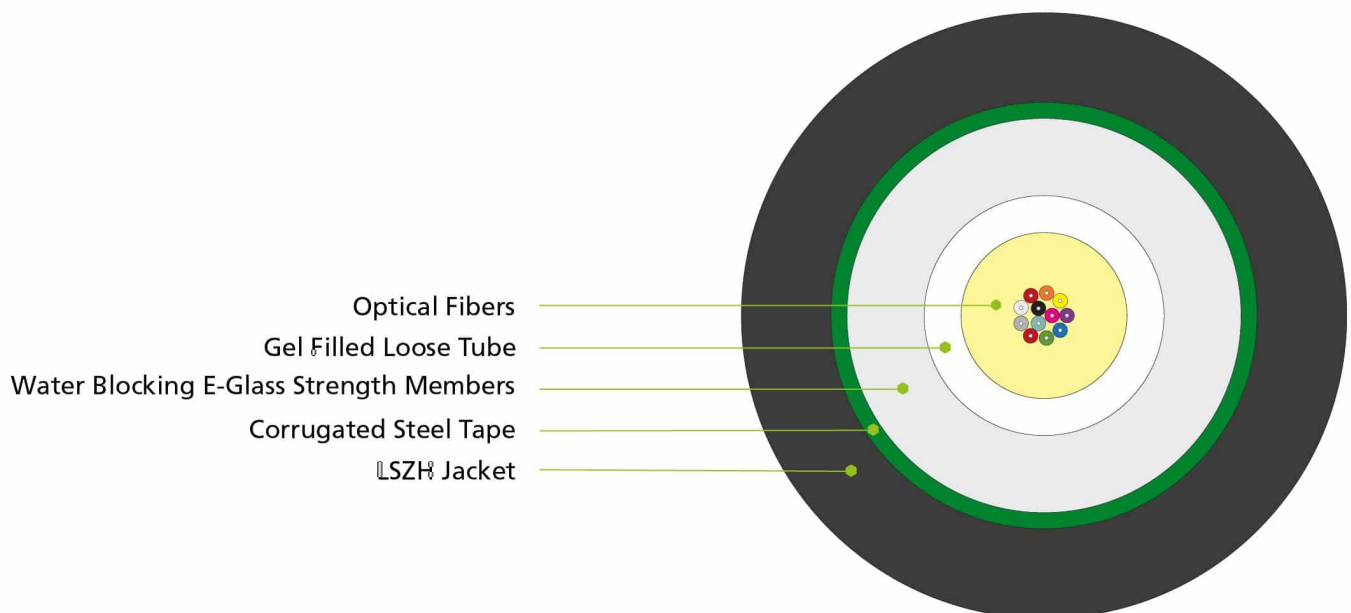- Compact 250µm loose tube construction

AFL HYPERSCALE

Applications

- Suitable for internal/external (Int/Ext) duct and direct burial applications
- Ideal for intra building links in campus environments
- Suitable for environments where impact protection is required
- Not for use where cable is required to meet CPR

Specifications

Parameter	Unit	Value
Crush	N/100 mm	2000
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	110
Fiber count	n	2, 4, 6, 8, 12, 16 & 24
Nominal outer diameter 2f to 24f	mm	9.0 ± 0.3
Maximum tensile load (installation)	N	1000
Maximum tensile load (installed)	N	500
Minimum bend radius (installation)	mm	186
Minimum bend radius (installed)	mm	186
Jacket Material		LSZH
Drum length	km	2 or 4

Technical Drawing

- Optical Fibers
- Gel Filled Loose Tube
- Water Blocking E-Glass Strength Members
- Corrugated Steel Tape
- LSZH Jacket

Ordering Information

PART NUMBER (PN)	DESCRIPTION	PHASING OUT PN
C1BS*U8ZZZ	AFL Hyperscale **f OM1 62.5/125 Int/Ext SLT STA Cable E-Glass LSZH Black	OM1LTSTA**UBK
C2BS*U8ZZZ	AFL Hyperscale **f OM2 50/125 Int/Ext SLT STA Cable E-Glass LSZH Black	OM2LTSTA**UBK
C3BS*U8ZZZ	AFL Hyperscale **f OM3 50/125 Int/Ext SLT STA Cable E-Glass LSZH Black	OM3LTSTA**UBK
C4BS*U8ZZZ	AFL Hyperscale **f OM4 50/125 Int/Ext SLT STA Cable E-Glass LSZH Black	OM4LTSTA**UBK
C7BS*U8ZZZ	AFL Hyperscale **f G.657A1 9/125 Int/Ext SLT STA Cable E-Glass LSZH Black	OS1LTSTA**UBK
C8BS*U8ZZZ	AFL Hyperscale **f G.657A2 9/125Int/Ext SLT STA Cable E-Glass LSZH Black	7A2LTSTA**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 twenty four fiber single mode cable For example - C7BSCU8ZZZ   AFL Hyperscale 24f G.657A1 9/125 Int/Ext SLT STA Cable E-Glass LSZH Black

Related Products

IP66/67 Splice and Pass Through Enclosure

Fiber Optic Dome Enclosure 01-04

OM4 Simplex/Duplex Enhanced Patch Cord

SM Simplex/Duplex Enhanced Patch Cord

Premium Pigtails

FCP2 Fiber Cleaning Kit for SC/ST/FC/LC

FOCIS Flex Fiber Scope

Optical Fiber Fusion Splice Protectors