

Singlemode Multi-tube Indoor / Outdoor Fiber Optic Cable LSZH

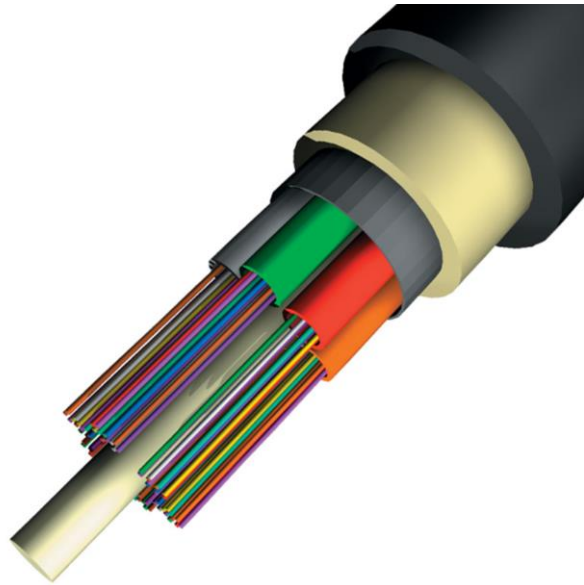
Avalon loose tube un-armoured optical fiber cable (Multi-tube) single-mode is recommended for duct installation. All four tubes are constructed of PBPT material with six color coded OS1 optical fibers located in each tube. LSZH sheath allows indoor installation. The cable is protected against rodent but is not recommended for direct burial application. The tube encloses multiple coated fibers that are surrounded by Thixotropic gel compound that protects the cable from moisture in outside environments. Its water blocking material is made up of water swellable yarns. Easy and quick installation is attributed by its compact, lightweight and extremely rugged construction.

Features:

- ITU-T G.652 D
- EC Specifications 60793-2-50 Type B1.3
- TIA/EIA 492-CAAB
- Telecordia's GR-20-CORE
- ISO/IEC 11802
- 9/125 microns, OS1

Applications:

- 1000BASE-LX
- 1000BASE-SX
- 10000BASE-LX
- 155Mbps ATM
- 622 Mbps ATM
- FDDI
- 531 Mbps Fiber Channel
- 1062 Mbps Fiber Channel



Specification:

Parameter	Unit	Specifications		
		24 Core SM	48 Core SM	96 Core SM
Fiber Identification				
Singlemode Optical				
ATTENUATION @ 1310nm	dB/Km	< 0.36	< 0.36	< 0.36
ATTENUATION @ 1550nm	dB/Km	< 0.23	< 0.23	< 0.23
Tubeing		Loose Tube	Loose Tube	Loose Tube
Material		PBTP	PBTP	PBTP
Diameter	mm	1.9 (NOMINAL)	2.2 (NOMINAL)	2.4 (NOMINAL)
No. Of Fillers		2.0	NIL	NIL
Colour Of Fillers		Black	Black	Black
Sequence Of Elements		BL ,OR ,GR ,BR LOOSE TUBES,BK1,BK2 FILLERS	BL,OR,GR,BR,SLATE,WH	BL,R,GR,BR,SL,WH,RD,BL
Core Wrapping		Single layer of water swellable tape applied longitudinally	Single layer of water swellable tape applied longitudinally	Single layer of water swellable tape applied longitudinally
Water Blocking Material		Water Swellable Yarns	Water Swellable Yarns	Water Swellable Yarns
Loose Tube Gel		Thixotropic Gel	Thixotropic Gel	Thixotropic Gel



Rid Cords		1	1	1
Jacketing				
Material		LSZH	LSZH	LSZH
Colour		Black	Black	Black
Overall Diameter	mm	10.5 (NOMINAL)	11.2 (NOMINAL)	13.5 (NOMINAL)
Strength Member		Yes	Yes	Yes
Type (Peripheral)		FRP ROD	FRP ROD	FRP ROD
Nominal Size	mm	2.0	2.2	2.5
Size Of Uncoated FRP ROD	mm			4.0
Cable Weight (Nominal)	Kg/Km	106	123	168
Tensile Strength	Newton	1000	1500	1700
Standard Length	KM	2.0 + 10 %	2.0 + 10 %	2.0 + 10 %

Ordering Information

Part Number	Description
ANFC-SM-XXC-LT-LSZH	Single Mode Multi-tube Indoor / Outdoor Fiber Cable - LSZH Sheath

* Replace XX with 24, 48, 96 and 144