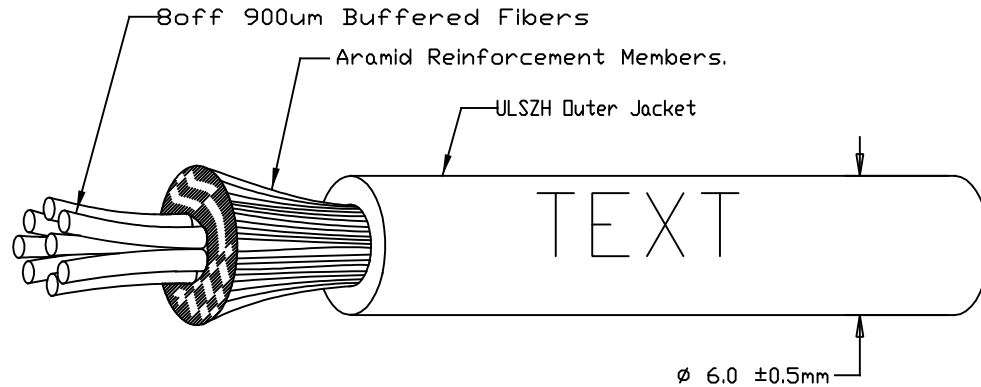


THIS DRAWING IS A CONTROLLED DOCUMENT DWG No: C-599146

LTR	REVISION RECORD	DATE	DWN	APVD
N	8000020012	03MAR17	TV	DW



- 800µm Buffered Fibers
Colours- Blue, Orange, Green, Brown, Grey, White, Red & Black
- Outer Jacket Text acc. 101-131550 Method C if fiber type is marked with *
For other fiber types follow method A every meter, text 2.0 to 4.0mm high

Example:

COMMSCOPE GB OPTOBEND SYSTEM F.O.CABLE X-599146-3 INT/EXT DISTRIBUTION 8X 50/125 OM3 ULSZH [BATCH] XXXX (M)

- All fibers shall be LSZH buffered.
- Mechanical Properties of Cable (Tested according to IEC60794-1)
 - Nominal weight 35 kg/km
 - Minimum Installation Bend Radius 90 mm
 - Minimum Service Bend Radius 60 mm
 - Maximum Installation Tension 1000 N
 - Maximum Operating Tension 600 N
 - Crush Resistance 2000 N
 - Operating Temperature Range -20 to +70 °C
 - Internal/External Grade
 - Universal Low Smoke Zero Halogen materials to be compliant with
 - Water Absorption IEC60811-1, <2mg/cm² 10days @70C
 - Smoke Emission IEC 61034
 - Acid Gas Emission IEC 60754-1
 - Toxicity NES 60713
 - Fire Propagation IEC 60332-1 & 60332-3

- To meet the requirements of COMMSCOPE environmental specification CS-EPC-2001

OPTOBEND IN THE PRINT ONLY APPLIES TO FIBRE TYPES MARKED WITH AN ASTERIX *

yellow	0.37/0,25	single mode	9/125 G657A2 BI *	X-599146-8
orange	2.5/0,7	500/500	50/125 OM2 BI *	X-599146-7
orange	2,8/0,9	200/600	62.5/125 OM1	X-599146-5
yellow	0.37/0,25	single mode	9/125 OS2	X-599146-4
Aqua	2.5/0,7	1500/500	50/125 OM3 BI *	X-599146-3
Aqua	2.5/0,7	3500/500	50/125 OM4 BI *	X-599146-2
yellow	0.37/0,25	single mode	9/125 G657A1 BI *	X-599146-1
Jacket Colour		Max Cabled fibre attn. loss db/km @ 850/1300nm for Multi mode and @ 1310/1550nm for Single mode	Bandwidth @ 850/1300nm	Fiber Type MID/PN

Dimensions: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001	Drawn: T.VISSERS 10FEB17	COMMSCOPE Commscope Connectivity Uk Ltd Kinnet Park, Bodelwyddan, Denbighshire, LL18 5TZ FO CAB I/EDC X8 Fiber Optic Cable Int/Ext Dist LSZH 8Core			
	ANGLES: - SURFACE TEXTURE	Checked: A.YOUNG			Scale: N/A	Drawing No: C-599146
		Approved: D.WALKER				