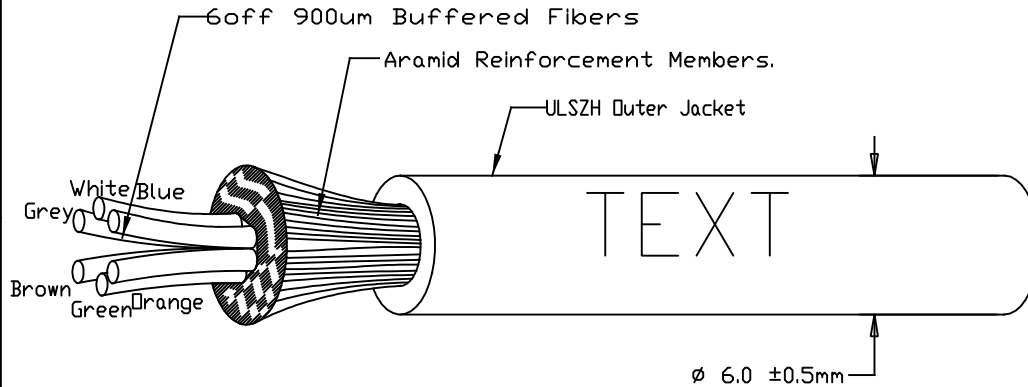


THIS DRAWING IS A CONTROLLED DOCUMENT DWG No: C-599145

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



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

- Outer Jacket Text acc. 101-131550 Method C if fiber type is marked with *
For other fiber types follow method A
Example:
COMMSCOPE GB OPTOBEND SYSTEM F.O.CABLE X-599145-3 INT/EXT DISTRIBUTION
6X 50/125 OM3 ULSZH [BATCH] XXXX (M)
- All fibers shall be LSZH buffered.
- Mechanical Properties of Cable (Tested according to IEC60794-1)
Nominal weight 33 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

yellow	0.37/0.25	single mode	9/125 G657A2 BI *	X-599145-8
orange	2.50/0.70	500/500	50/125 OM2 BI *	X-599145-7
orange	2.80/0.90	200/600	62.5/125 OM1	X-599145-5
yellow	0.37/0.25	single mode	9/125 OS2	X-599145-4
Aqua	2.50/0.70	1500/500	50/125 OM3 BI *	X-599145-3
Aqua	2.50/0.70	3500/500	50/125 OM4 BI *	X-599145-2
yellow	0.37/0.25	single mode	9/125 G657A1 BI *	X-599145-1
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 Connectivity Uk Ltd Kinnet Park, Bodelwyddan, Denbighshire, LL18 5TZ FO CAB I/EDC X6 Fiber Optic Cable Int/Ext DISTRIBUTION LSZH cable 6 core			
 ANGLE: - SURFACE TEXTURE		Checked: A.YOUNG			Scale: N/A	Drawing No: C-599145
		Approved: D.WALKER				