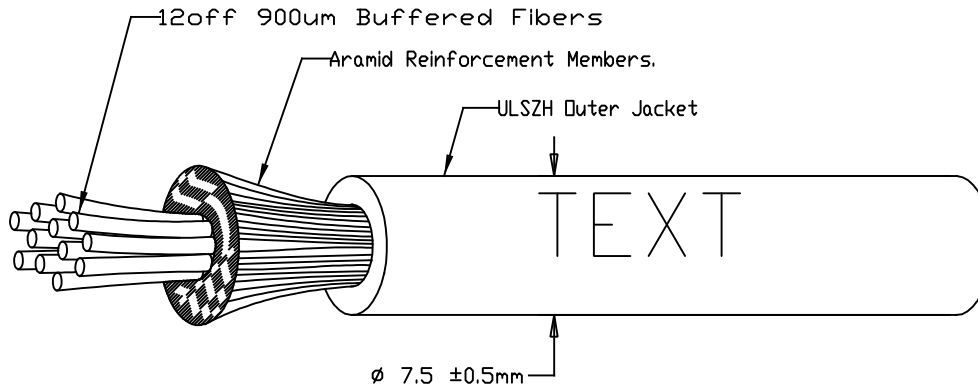


THIS DRAWING IS A CONTROLLED DOCUMENT DWG No: C-599148

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



- 12off Buffered Fibers, Colours- Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink & Turquoise
- 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-599148-3 INT/EXT DISTRIBUTION 12X 50/125 OM3 ULSZH [BATCH] XXXX (M)

- All fibers shall be LSZH buffered.
- Mechanical Properties of Cable (Tested according to IEC60794-1)
  - Nominal weight 56 kg/km
  - Minimum Installation Bend Radius 115 mm
  - Minimum Service Bend Radius 75 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/cm<sup>2</sup> 10 days @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 spec. 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-599148-8
orange	2.50/0.70	500/500	50/125 OM2 BI *	X-599148-7
orange	2.80/0.90	200/600	62.5/125 OM1	X-599148-5
yellow	0.37/0.25	single mode	9/125 OS2	X-599148-4
Aqua	2.50/0.70	1500/500	50/125 OM3 BI *	X-599148-3
Aqua	2.50/0.70	3500/500	50/125 OM4 BI *	X-599148-2
yellow	0.37/0.25	single mode	9/125 G657A1 BI *	X-599148-1
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 <b>FOCAB I/EDC X12</b> FIBER OPTIC CABLE INT/EXT DISTR. LSZH CABLE 12 CORE	
	ANGLES: - SURFACE TEXTURE	Checked: A.YOUNG		
		Approved: D.WALKER	Drawing No: C-599148	Sheet: 1 of 1