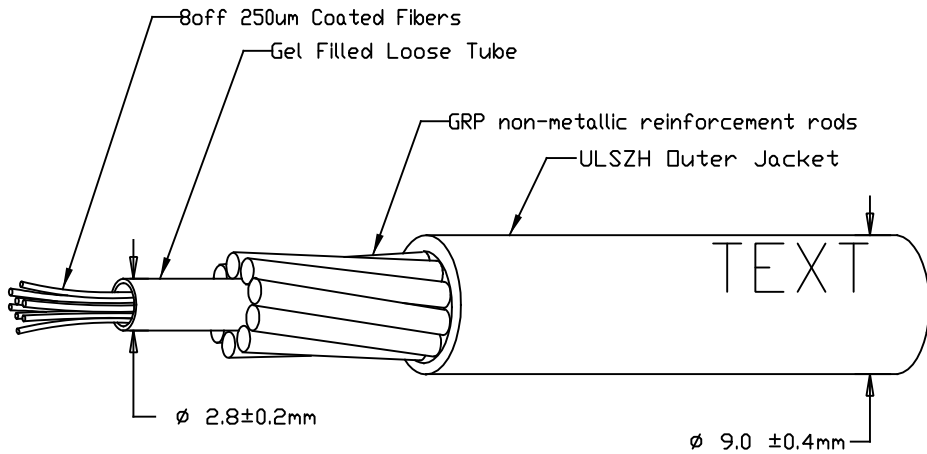


THIS DRAWING IS A CONTROLLED DOCUMENT DWG No: C-599170



LTR	REVISION RECORD	DATE	DWN	APVD
H	8000022119/40035715	15MAY17	TV	DW

- 8off 250um Primary Coated Fibers, Colours Blue, Orange, Green, Brown, Grey, White, Red & Black
- Outer Jacket Text Acc. 101-131550 method C if fiber type is marked with* in other cases use method A. Text Height: 2.5 to 6.0mm .ethod A.
Example:

COMMSCOPE GB OPTOBEND SYSTEM F.O. CABLE X-599170-3 EXT GRP ARMOUR 8F 50/125um OM3 ULSZH [BATCH]XXXXX(M)

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

3. Mechanical Properties of Cable (Tested according to IEC60794-1)

- Nominal weight 94 kg/km
- Minimum Installation Bend Radius 230 mm
- Minimum Service Bend Radius 175 mm
- Maximum Installation Tension 2000 N
- Maximum Operating Tension 750 N
- Maximum Crush Resistance 3000 N
- Operating Temperature Range -20 to + 70 °C
- External Grade, Rodent Resistant
- Low Smoke Zero Halogen Material 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

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

blue	yellow	0.37/0.25	single mode	G657A.2 BI *	X-599170-8
orange	orange	2.50/0.70	500/500	50/125 OM2 BI *	X-599170-7
grey	orange	2.80/0.90	200/600	62.5/125 OM1	X-599170-5
blue	yellow	0.37/0.25	single mode	9/125 OS2	X-599170-4
orange	Aqua	2.50/0.70	1500/500	50/125 OM3 BI *	X-599170-3
orange	Aqua	2.50/0.70	3500/500	50/125 OM4 BI *	X-599170-2
blue	yellow	0.37/0.25	single mode	G657A.1 BI *	X-599170-1
Loose Tube Colour	Jacket Colour	Max cable fibre attn. loss dB/Km @ 850/1300nm for multimode and @ 1310/1550nm for singlemode	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 15 MAY 17	 Commscope Connectivity Uk Ltd Kinnel Park, Bodelwyddan, Denbighshire, LL18 5TZ FO CAB RR GRP X8 Fibre Optic Cable Rodent Resistant GRP Armoured
 ANGLE: - SURFACE TEXTURE		Checked: A. YOUNG	
Approved: D. WALKER		Scale: N/A	Drawing No: C-599170 Sheet: 1 of 1 Rev: H