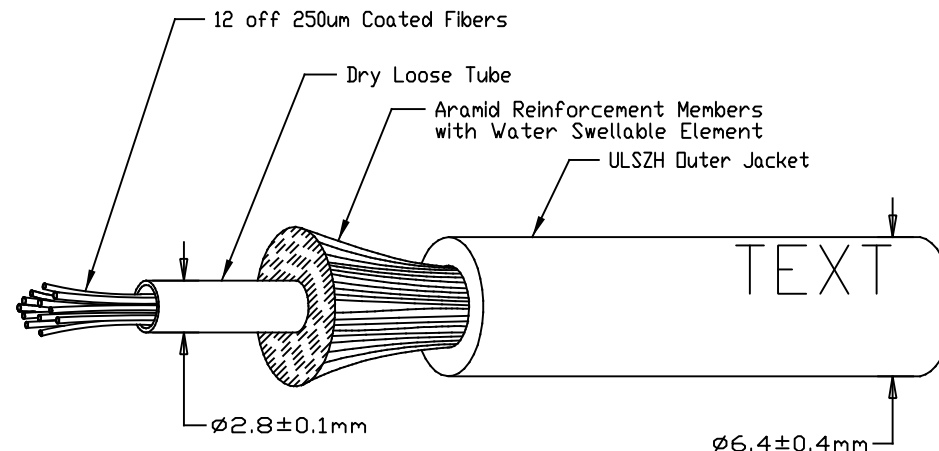


CABLE SPECIFICATION

- Fiber Specification**
Fiber Type & Specification as per Table
Optical & Mechanical properties of fiber
as per CS Specification 115-32023 (multimode)
as per CS Specification 108-19151 (singlemode)
- 12 off 250um Primary Coated Fibers**
Buffer Colours Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink & Turquoise
All twelve fibers contained inside one loose tube.
Dry (no gel), Colour as per table
- Tight Jacket Construction with Loose Tube inside**
Aramid reinforcement yarns, evenly spaced & helically wound with Water Swellable Element
Universal Low Smoke Zero Halogen outer jacket.
Jacket Colour as per table
- Print legend according 101-131550 Method A**
every meter, text 2.0 to 4.0mm high
Example:
COMMSCOPE GB OPTICAL CABLE X-599156-4 12X 9/125um OS2 ULSZH [BATCH]
[Date][Length marking] (M)
- Mechanical Properties of Cable (Tested according to IEC 60794-1)**
Nominal weight 31.0 kg/km
Minimum Installation Bend Radius 140 mm
Minimum Service Bend Radius 130 mm
Maximum Installation Tension 500 N
Maximum Operating Tension 400 N
Maximum Crush Resistance 2000 N/10 cm
Operating Temperature Range -10 to +60°C
Internal/External Grade
Low Smoke Zero Halogen Material to be compliant with
Water Absorption IEC 60811-1, 2mg/cm² 10days @ 70°C
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	grey	0.37/0.25	single mode	9/125 G657A2 BI	X-599156-8
orange	orange	2.5/0.7	500/500	50/125 OM2	X-599156-7
orange	grey	2.8/0.9	200/600	62.5/125 OM1	X-599156-5
yellow	blue	0.37/0.25	single mode	9/125 OS2	X-599156-4
aqua	orange	2.5/0.7	1500/500	50/125 OM3	X-599156-3
aqua	orange	2.5/0.7	3500/500	50/125 OM4	X-599156-2
yellow	grey	0.37/0.25	single mode	9/125 G657A1 BI	X-599156-1
Jacket Colour	Loose Tube 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

H	8000021556	3APR17	TV	DW
LTR	REVISION RECORD	DATE	DWN	APVD

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 3APR17	COMMSCOPE Commscope Connectivity UK Ltd Kinmel Park, Bodelwyddan, Denbighshire, LL18 5TZ	
	ANGLES: -	Checked: A. YOUNG		
SURFACE TEXTURE		Approved: D. WALKER	Scale: N/A	Drawing No: 599156
			Sheet: 1 of 1	H