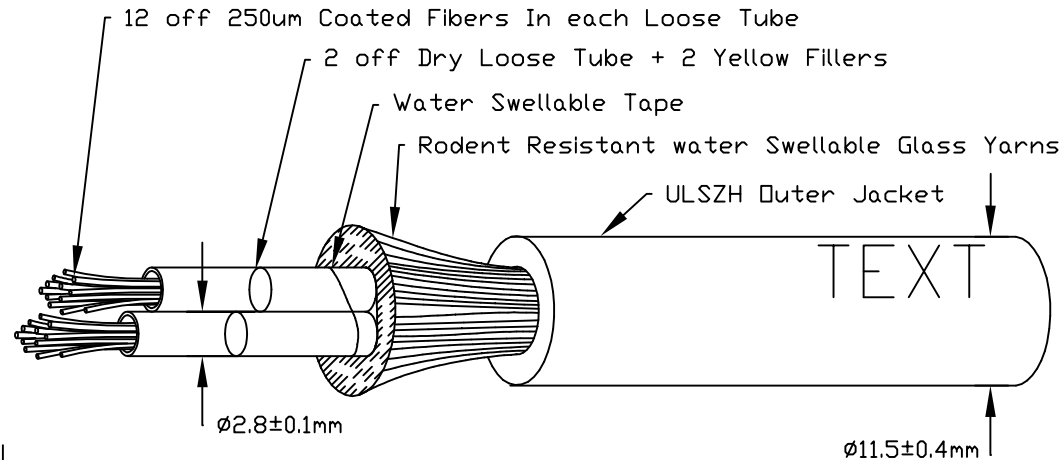


LTR	REVISION RECORD	DATE	DWN	APVD
A	EH00-1940-98	20NOV98	MWH	MWH
B	JZ00-0002-02	29JUL02	LT	AG
D	JZ00-0054-04	14DEC04	LT	AG
E	JZ00-0012-05	21MAR05	PS	AG
F	ECR-06-014960	20FEB08	PT	AG
G	ECR-09-021491	14OCT09	LST	AG
H	ECR-10-001763	24MAR10	LST	AG
K	40028599MCO	16FEB16	NM	DJW



CABLE SPECIFICATION

- 12 off 250um primary coated fibers
Colours: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise
All twelve fibers contained inside one loose tube, 2x Dry (no gel) Tubes, Colour as per table
- Tight jacket construction with loose tube & fillers.
Inside water swellable tape, All contained inside rodent resistant water swellable glass yarns, evenly spaced & helically wound
Low Smoke Zero Halogen outer jacket, Jacket colour as per table

- Outer Jacket Text to be indelibly marked in contrasting colour every meter
Text Height: 2.0mm to 6.0mm

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

Part Number Prefix	
No:	Length
1-	1Km
2-	2Km
3-	3Km
4-	4Km

Example (excluding Reel No. & Meter Mark)
'COMMSCOPE GB OPTOBEND SYSTEM F.O. CABLE X-599619-3 INT/EXT RODENT RESIST DLT 24x50/125 OM3'

- Mechanical properties of cable

Tested ACC:	IEC 60794-1
Nominal weight:	119Kg/km
Minimum installation bend radius:	230mm
Minimum service bend radius:	170mm
Maximum installation tension:	2000N
Maximum operating tension:	1200N
Maximum crush resistance:	2000N/10cm
Operating temperature range:	-10 to +70°
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 138-702

Orange	Grey & Red	2.50/0.70	250/600	62.5/125 OM1+	X-599619-9
Yellow	Blue & Red	0.37/0.25	Singlemode	G657A.2 BI *	X-599619-8
Orange	Orange & Grey	2.50/0.70	500/500	50/125 OM2 BI *	X-599619-7
Orange	Orange & Grey	2.50/0.70	600/1200	50/125 OM2+	X-599619-6
Orange	Grey & Red	2.50/0.70	200/600	62.5/125 OM1	X-599619-5
Yellow	Blue & Red	0.37/0.25	Singlemode	9/125 OS2	X-599619-4
Aqua	Orange & Grey	2.50/0.70	1500/500	50/125 OM3 BI *	X-599619-3
Aqua	Orange & Grey	2.50/0.70	3500/500	50/125 OM4 BI *	X-599619-2
Yellow	Blue & Red	0.37/0.25	Singlemode	G657A.1 BI *	X-599619-1
Outer Jacket Colour	Loose Tube Colours with 2x Yellow Fillers	Max cable fibre att'n. loss: dB/Km @ 850/1300nm for multimode and @ 1310/1500nm for singlemode	Minimum bandwidth @ 850/1300nm for multimode	Fiber Type	Part number

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: P. SMITH	COMMSCOPE Commscope Connectivity Uk Ltd Kinnet Park, Bodolwyddan, Denbighshire, LL18 5TZ
	ANGLES: -	Checked: D. WALKER	
SURFACE TEXTURE		Approved: A. GIBBONS	Scale: N/A
			Drawing No: C - 599619 Sheet: 1 of 1 Rev: K