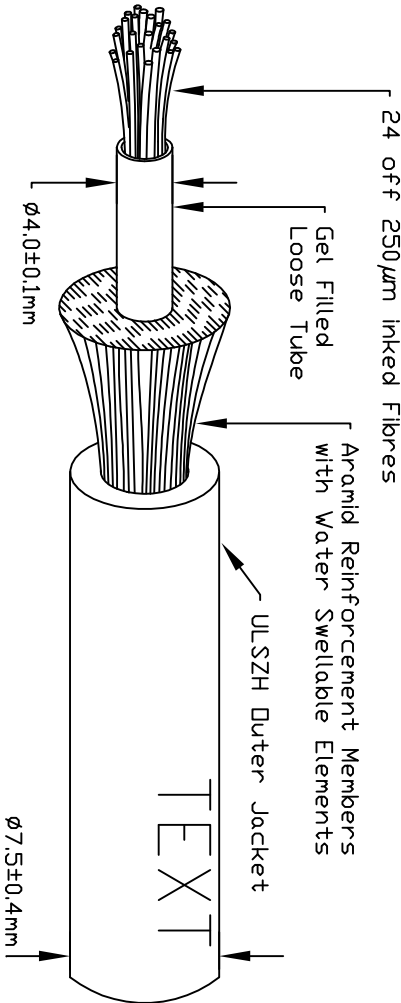


CABLE SPECIFICATION

1. Fibre Specification
Fibre Type & Specification as per table
Optical & Mechanical properties of fiber as per Commscope material specification:
- MS066 for DM3 & DM4
 - P0050 for DM2
 - P0051 for DM1
 - MS054 for low water peak (DS2)
 - MS068 for G657A1
 - MS067 for G657A2
2. 24 off 250µm Primary coated fibers
Colours - Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise, Blue/Black Band, Orange/Black Band, Green/Black Band, Brown/Black Band, Grey/Black Band, White/Black Band, Red/Black Band, Natural, Yellow/Black Band, Violet/Black Band, Pink/Black Band & Turquoise/Black Band
All twenty-four fibers contained inside one loose tube
Gel filled tube, Colour as per table
3. Tight Jacket construction with loose tubes inside.
Aramid reinforcement yarns with water swellable elements, evenly spaced & helically wound
Universal Low smoke zero halogen outer Jacket
Jacket colour as per table
4. Outer Jacket Text to be indelibly marked in contrasting colour every meter
Text Height: 2.0mm to 4.0mm high
TEXT = 'COMMScope GB OPTOBEND SYSTEM F.I.D. CABLE' + PART NUMBER (always use prefix X-),
CABLE TYPE, FIBER COUNT, FIBER TYPE + SUPPLIERS REEL NUMBER
Example (excluding Reel No. & Meter Mark)
'COMMScope GB OPTOBEND SYSTEM F.I.D. CABLE X-1716000-3 INT/EXT GEL LOOSE TUBE 24x50/125 DM3'
5. Mechanical properties of cable
- Tested ACC: IEC 60794-1
Nominal weight: 60Kg/Km
Minimum installation bend radius: 150mm
Minimum service bend radius: 140mm
Maximum installation tension: 600N
Maximum operating tension: 400N
Maximum crush resistance: 2000N/10cm
Operating temperature range: -20 to +60°
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
6. To meet the requirements of COMMScope environmental specification 138-702



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

CI	40031283MCD	06 JUN 16	NM	DJW
C	40028599MCD	16 FEB 16	NM	AY
B	ECR-12-021238	25 NOV 13	LST	DJW
A	Previous drawing P003898AE	05 JAN 11	LST	AG
LTR	REVISION RECORD	DATE	DWN	APVD

Orange	Grey	2.90/0.70	250/600	62.5/125 DM1+	X-1716000-9
Yellow	Blue	0.37/0.25	Singlemode	G657A2 BI *	X-1716000-8
Orange	Orange	2.50/0.70	500/500	50/125 DM2 BI *	X-1716000-7
Orange	Orange	2.50/0.70	600/1200	50/125 DM2+	X-1716000-6
Orange	Grey	2.90/0.70	200/600	62.5/125 DM1	X-1716000-5
Yellow	Blue	0.37/0.25	Singlemode	9/125 DS2	X-1716000-4
Aqua	Orange	2.50/0.70	1500/500	50/125 DM3 BI *	X-1716000-3
Aqua	Orange	2.50/0.70	3500/500	50/125 DM4 BI *	X-1716000-2
Yellow	Blue	0.37/0.25	Singlemode	G657A1 BI *	X-1716000-1

Outer Jacket Colour	Loose Tube Colour	Max cable fibre attn. loss dB/km @ 850/1300nm for multimode and @ 1310/1550nm for singlemode	Minimum bandwidth @ 850/1300nm for multimode	Fibre Type	Part number
Orange	Blue	0.37/0.25	Singlemode	G657A1 BI *	X-1716000-1

Dimensions: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED	Drawn: L. TEESDALE 05 JAN 11	Checked: D. WALKER	Approved: A. GIBBONS
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.01 4 PLC ±0.001				

	ANGLE: -		SURFACE TEXTURE

COMMScope				
Connectivity UK Ltd Kinnel Park, Bodelwyddan, Denbighshire, LL18 5TZ				
FD CAB I/EGLT x24 Fibre Optic Cable Int/Ext Gel loose tube x24				
Scale N/A	Drawing No	Sheet 1 of 1	Rev: C1	
	1716000			