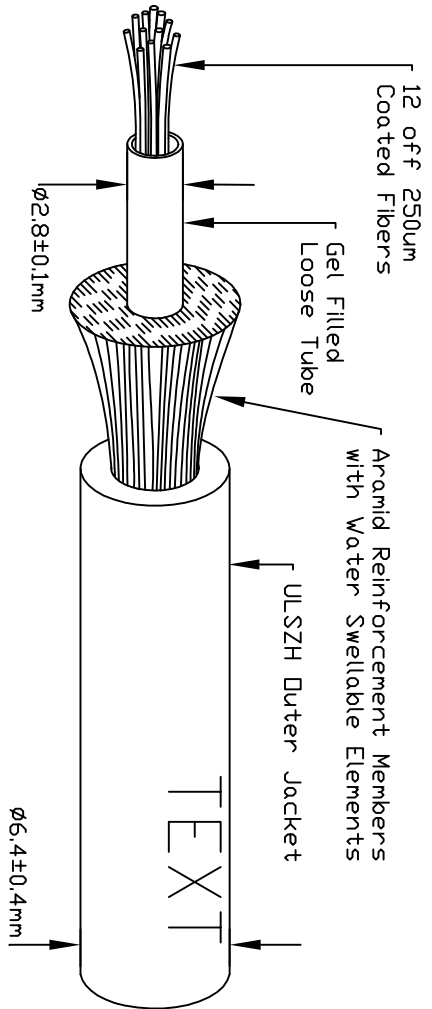


CABLE SPECIFICATION



- 12 off 250um primary coated fibers,
Colours: Blue, Orange, Green, Brown, Grey, White, Red, Black
Yellow, Violet, Pink & Turquoise
- Tight Jacket construction with loose tube inside
Aramid reinforcement yarns with water swellable elements to be evenly spaced & helically wound
Universal 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 4.0mm
Example (excluding Reel No. & Meter Mark):
'COMMSCOPE GB DPTOBEND SYSTEM F.D. CABLE X-599164-3 INT/EXT GEL LOOSE TUBE 12X50/125 DM3'
- Mechanical properties of cable
Tested ACC:
Nominal weight: 33Kg/km
Minimum installation bend radius: 140mm
Minimum service bend radius: 130mm
Maximum installation tension: 500N
Maximum operating tension: 400N
Maximum crush resistance: 2000N/10cm
Operating temperature range: -20 to +60°
Internal / External Grade
- LDW SMOKE ZERO HALDGEN 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

LTR	REVISION RECORD	DATE	DWN	APVD
A	EH00-1940-98	20NDV98	M/H	M/H
B	JZ00-0002-02	29JUL02	PVT	AG
C	JZ00-0006-02	06SEP02	LT	AG
D	JZ00-0012-05	18MAR05	PS	AG
E	ECR-06-014960	20FEB08	PT	AG
F	ECR-09-021517	16NDV09	LST	AG
G	ECR-09-021517	16NDV09	LST	AG
H	ECR-10-001525	18MAR10	LST	AG
J	ECR-11-013144	23JUN11	LST	AG
L	ECR-14-005921	04JUL14	LST	AG
M	40028403MCD	08FEB16	NM	DJW

DPTOBEND 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

Colour	Outer Jacket Colour	Loose Tube Colour	Max cable fibre attenuation dB/km @ 850/1300nm for multimode and @ 1310/1500nm for singlemode	Minimum bandwidth @ 850/1300nm for multimode	Fiber Type	Part number
Violet	Orange	Blue	0.37/0.25	3500/500	50/125 DM4 BI *	X-599164-9
Yellow	Blue	Blue	0.37/0.25	Singlemode	6657A.2 BI *	X-599164-8
Orange	Orange	Orange	2.50/0.70	500/500	50/125 DM2 BI *	X-599164-7
Orange	Orange	Orange	2.50/0.70	600/1200	50/125 DM2+	X-599164-6
Orange	Grey	Grey	2.90/0.70	200/600	62.5/125 DM1	X-599164-5
Yellow	Blue	Blue	0.37/0.25	Singlemode	9/125 DS2	X-599164-4
Aqua	Orange	Orange	2.50/0.70	1500/500	50/125 DM3 BI *	X-599164-3
Aqua	Orange	Orange	2.50/0.70	3500/500	50/125 DM4 BI *	X-599164-2
Yellow	Blue	Blue	0.37/0.25	Singlemode	G657A.1 BI *	X-599164-1

Dimensions: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.01 2 PLC ±0.001 3 PLC ±0.001 4 PLC ±0.0001	Drawn: P. TATTERSON 20 FEB 08	Checked: D. WALKER	Approved: A. GIBBONS
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COMMSCOPE
Connective Connectivity, UK Ltd
Kinnel Park, Bodelwyddan, Denbighshire, LL18 5TZ

FD CAB I/EGLT X12
Fiber Optic Cable Int/Ext
Gel loose tube x12

Scale: N/A	Drawing No: C-599164	Sheet: 1 of 1	Rev: M
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