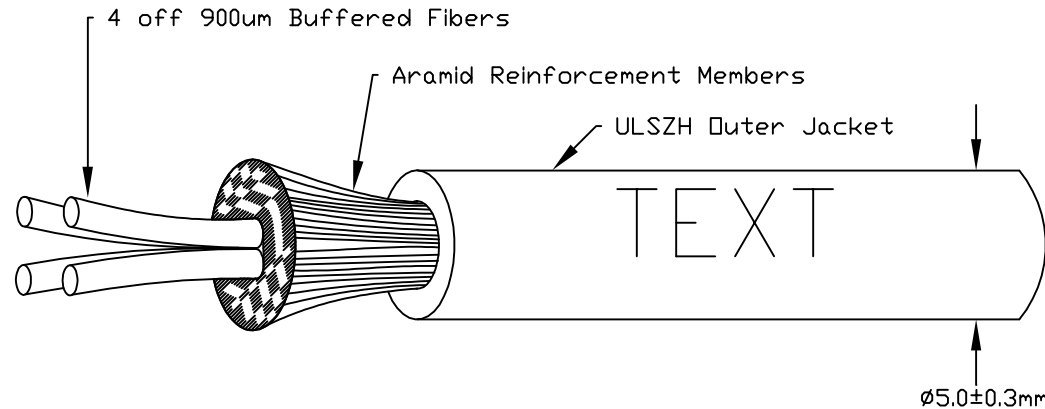


LTR	REVISION RECORD	DATE	DWN	APVD
D	EH-0092-01	24JAN01	SVP	SVP
E	JZ00-0002-02	29JUL02	PWT	AG
F	JZ00-0007-03	30APR03	LT	AG
G	JZ00-0015-03	17JUL03	LT	AG
H	JZ00-0012-05	21FEB05	LT	AG
J	ECR-09-000445	09JAN09	JD	AG
K	ECR-09-026657	06JAN10	LST	AG
L	ECR-10-019077	15SEP10	LST	AG
M	ECR-12-013809	12AUG12	JD	AG
N	ECR-12-019033	30MAY14	LST	AY
P	40028405MCO	09FEB16	NM	DJW



CABLE SPECIFICATION

- All fibers shall be LSZH buffered
- 4 off 900um Buffered fibers
Colours: Blue, Orange, Green & Brown
- Single jacket construction
Aramid reinforcement yarns to be evenly spaced around fibers
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: 1.5mm to 2.4mm

Example (excluding Reel No. & Meter Mark)
'COMMSCOPE GB OPTOBEND SYSTEM F.D. CABLE X-599144-3 INT/EXT DISTRIBUTION ULSZH 4x50/125 OM3'

- Mechanical properties of cable

Tested ACC:	IEC 60794-1
Nominal weight:	27Kg/km
Minimum installation bend radius:	75mm
Minimum service bend radius:	50mm
Maximum installation tension:	650N
Maximum operating tension:	300N
Maximum crush resistance:	2000N/10cm
Operating temperature range:	-20 to +70°
Internal / External Grade	

LOW SMOKE ZERO HALOGEN material to be compliant with:

Water Absorption:	IEC 60811-1 (2mg/cm ² 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

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

Orange	2.80/0.90	250/600	62.5/125 OM1+	X-599144-9
Yellow	0.37/0.25	Singlemode	G657A2 BI *	X-599144-8
Orange	2.50/0.70	500/500	50/125 OM2 BI *	X-599144-7
Orange	2.50/0.70	600/1200	50/125 OM2+	X-599144-6
Orange	2.80/0.90	200/600	62.5/125 OM1	X-599144-5
Yellow	0.37/0.25	Singlemode	9/125 OS2	X-599144-4
Aqua	2.50/0.70	1500/500	50/125 OM3 BI *	X-599144-3
Aqua	2.50/0.70	3500/500	50/125 OM4 BI *	X-599144-2
Yellow	0.37/0.25	Singlemode	G657A1 BI *	X-599144-1
Outer Jacket Colour	Max cable fibre attn. loss dB/Km @ 850/1300nm for multimode and @ 1310/1500nm for singlemode	Minimum bandwidth @ 850/1300n 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: J. DYER 09 JAN 09	 Commscope Connectivity Uk Ltd Kinnet Park, Bodolwyddan, Denbighshire, LL18 5TZ FD CAB I/EDC x4 Fiber Optic Cable Int/Ext Distribution LSZH cable x4
 ANGLE: - SURFACE TEXTURE: √	Checked: D. WALKER	Approved: A. GIBBONS	
		Scale: N/A	Drawing No: C-599144 Sheet: 1 of 1 Rev: P