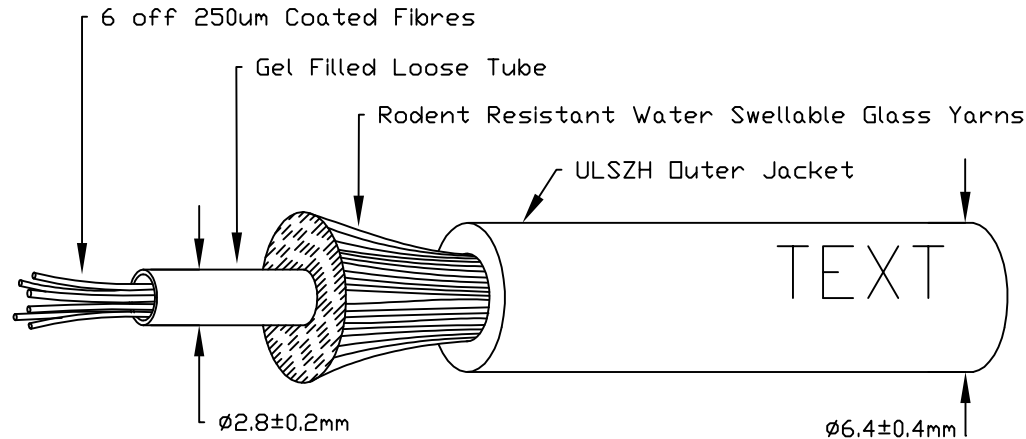


| LTR | REVISION RECORD | DATE | DWN | APVD |
|-----|-----------------|---------|-----|------|
| A | EH00-0786-98 | 12JUN98 | MWH | MN |
| B | JZ00-0002-02 | 29JUL98 | LT | AG |
| C | JZ00-0007-03 | 30APR03 | LT | AG |
| D | JZ00-0012-05 | 09MAR05 | PS | AG |
| E | ECR-09-000108 | 07JAN09 | JD | AG |
| F | ECR-10-008865 | 27APR10 | LST | AG |
| G | 40028405MCO | 09FEB16 | NM | DJW |
| H | 40028599MCO | 16FEB16 | NM | DJW |



CABLE SPECIFICATION

- 6 off 250um Primary coated fibers
Colours - Blue, Orange, Green, Brown, Grey & White
All six fibers contained inside one gel filled loose tube (OD=2.8±0.2mm), Colour as per table
- Tight Jacket construction with loose tube inside rodent resistant water swellable glass yarns, evenly spaced & helically wound
Low smoke zero halogen outer jacket (OD=6.4±0.4mm), Jacket colour as per table
- Outer Jacket Text to be indelibly marked in contrasting colour every meter
Text Height: 2.0mm to 4.0mm high

Example (excluding Reel No. & Meter Mark)
'COMMSCOPE GB OPTOBEND SYSTEM F.D. CABLE X-599623-3 INT/EXT RODENT RESIST GLT 6x50/125 OM3'

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 |

- Mechanical properties of cable

| | |
|-----------------------------------|-------------|
| Tested ACC: | IEC 60794-1 |
| Nominal weight: | 48Kg/km |
| Minimum installation bend radius: | 130mm |
| Minimum service bend radius: | 80mm |
| Maximum installation tension: | 1250N |
| Maximum operating tension: | 650N |
| Maximum crush resistance: | 1000N/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 |

| | | | | | |
|---------------------|-------------------|--|---|-----------------|-------------|
| Orange | Grey | 2.90/0.70 | 250/600 | 62.5/125 OM1+ | X-599623-9 |
| Yellow | Blue | 0.37/0.25 | Singlemode | G657A.2 BI * | X-599623-8 |
| Orange | Orange | 2.50/0.70 | 500/500 | 50/125 OM2 BI * | X-599623-7 |
| Orange | Orange | 2.50/0.70 | 600/1200 | 50/125 OM2+ | X-599623-6 |
| Orange | Grey | 2.90/0.70 | 200/600 | 62.5/125 OM1 | X-599623-5 |
| Yellow | Blue | 0.37/0.25 | Singlemode | 9/125 OS2 | X-599623-4 |
| Aqua | Orange | 2.50/0.70 | 1500/500 | 50/125 OM3 BI * | X-599623-3 |
| Aqua | Orange | 2.50/0.70 | 3500/500 | 50/125 OM4 BI * | X-599623-2 |
| Yellow | Blue | 0.37/0.25 | Singlemode | G657A.1 BI * | X-599623-1 |
| Outer Jacket Colour | Loose Tube 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 |

- To meet the requirements of COMMSCOPE environmental specification 138-702

| | | | |
|-----------------------------|---|---|--|
| 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 07 JAN 09 | COMMSCOPE Commscope Connectivity Uk Ltd Kinnet Park, Bodelwyddan, Denbighshire, LL18 5TZ FD CAB I/E RR GLT x6 Fiber Optic Cable Int/Ext Rodent Resist GLT x6 |
| ANGLE: - SURFACE TEXTURE | Checked: D. WALKER Approved: A. GIBBONS | Scale: N/A Drawing No: C - 599623 Sheet: 1 of 1 Rev: H | |