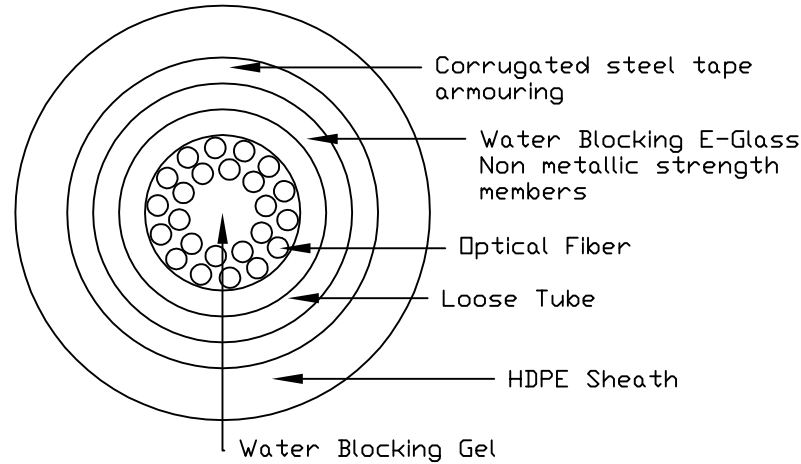


LTR	REVISION RECORD	DATE	DWN	APVD
A	EH-0962-01	30AUG01	SVP	RG
B	JZ00-0002-02	29JUL02	LT	AG
C	JZ00-0007-03	30APR03	LT	AG
D	JZ00-0012-05	07APR05	PS	AG
F	ECR-06-014967	04JUL07	JD	DW
G	ECR-09-000121	08JAN09	JD	DW
H	ECR-10-009119	06SEP10	LST	AG
J	40028599MCO	16FEB16	NM	DJW



CABLE SPECIFICATION

- 24 off 250um 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 24 fibers contained inside one gel filled loose tube (OD=4.0±0.2mm), Colour as per table

- Tight Jacket construction with loose tubes inside, Water blocking E-Glass strength members, Corrugated steel tape armoring
HDPE jacket (OD=10.5mm), Jacket colour as per table
- Outer Jacket Text to be indelibly marked in contrasting colour every meter
Text Height: 2.0mm to 5.0mm high

Example (excluding Reel No. & Meter Mark)
'COMMSCOPE GB OPTOBEND SYSTEM F.O. CABLE X-599690-3 CSA GEL LOOSE TUBE 24x50/125 OM3 HDPE'

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: 120Kg/km
Minimum installation bend radius: 200mm
Minimum service bend radius: 160mm
Tensile rating: 1250N
Maximum crush resistance: 2000N/10cm
Operating temperature range: -20 to +70°
Internal / External Grade

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

Black	Grey	2.90/0.70	250/600	62.5/125 OM1+	X-599690-9
Black	Blue	0.37/0.25	Singlemode	G657A.2 BI *	X-599690-8
Black	Orange	2.50/0.70	500/500	50/125 OM2 BI *	X-599690-7
Black	Orange	2.50/0.70	600/1200	50/125 OM2+	X-599690-6
Black	Grey	2.90/0.70	200/600	62.5/125 OM1	X-599690-5
Black	Blue	0.37/0.25	Singlemode	9/125 OS2	X-599690-4
Black	Orange	2.50/0.70	1500/500	50/125 OM3 BI *	X-599690-3
Black	Orange	2.50/0.70	3500/500	50/125 OM4 BI *	X-599690-2
Black	Blue	0.37/0.25	Singlemode	G657A.1 BI *	X-599690-1
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

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 04 JUL 01	 Commscope Connectivity Uk Ltd Kinnet Park, Bodolwyddan, Denbighshire, LL18 5TZ FO CAB CSA GLT 24x HDPE Fiber Optic Cable steel tape armoured GLT x24
 ANGLE: - SURFACE TEXTURE: √	Checked: D. WALKER	Approved: A. GIBBONS	
Scale: N/A	Drawing No: C - 599690	Sheet: 1 of 1	Rev: J