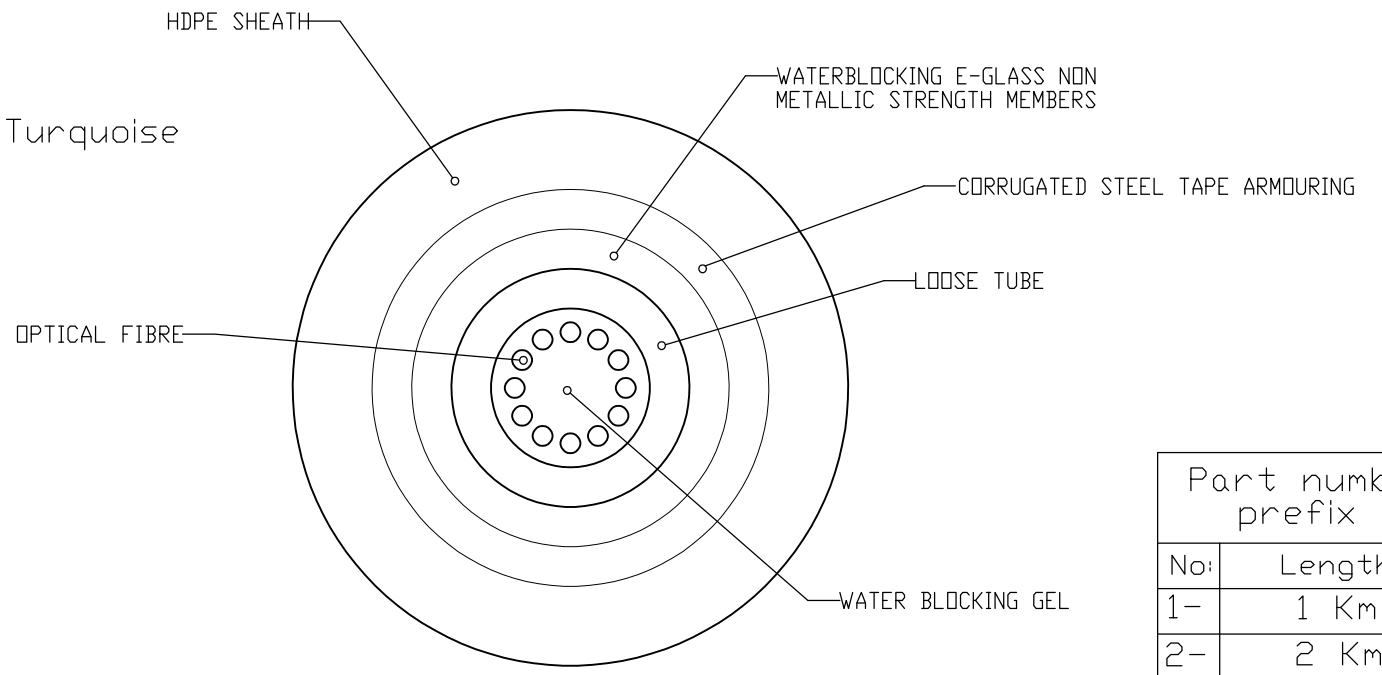


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		B	JZ00-0002-02	29JUL02	LT	AG
			C	JZ00-0007-03	30APR03	LT	AG
			D	JZ00-0012-05	22MAR05	PS	AG
			G	ECR-06-014967	04JUL07	JD	DW
			J	ECR-09-000121	08JAN09	JD	DW
			K	ECR-10-009119	03SEPT10	LST	AG

CABLE SPECIFICATION

- Fiber Specification**
 Fiber Type & Specification as per Table
 Optical & Mechanical properties of fiber as per AMP Specification
 * Laser Grade Fiber in Table, Gigabit Ethernet
 Maximum Link distance SX (850 nm)/ LX (1300 nm)
- 12off 250um Primary Coated Fibers**
 Buffer Colours Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise
 All 12 fibers contained inside one loose tube (OD=2.8±0.2mm)
 gel filled loose tube, Colour as per table
- Tight Jacketted Construction with Loose Tube inside**
 Water Blocking E-Glass Strength Members
 Corrugated steel tape armouring
 HDPE outer jacket (OD=10.0mm)
 Jacket Colour as per table
- Outer Jacket Text to be indelibly marked in contrasting colour every meter, text 2.0 to 4.0mm high**
 Text = "AMP NETCONNECT F.O.CABLE"+ AMP part no(always use prefix X-),
 Cable Type, Fiber Count, Fiber Type + Suppliers Reel Number & Meter Mark
 Example (excluding Reel No & Meter Mark)
 "AMP NETCONNECT F.O.CABLE X-599683-7 CSA GEL LOOSE TUBE 12X 50/125um OM2, HDPE"
- Mechanical Properties of Cable (Tested according to IEC60794-1)**
 Nominal weight 104.0 kg/km
 Minimum Installation Bend Radius 200 mm
 Minimum Service Bend Radius 160 mm
 Tensile Rating 1250 N
 Maximum Crush Resistance 3000 N
 Operating Temperature Range -20 to + 70 °C
- To meet the requirements of TYCO ELECTRONICS environmental specification 230-702**



Part number prefix	
No:	Length
1-	1 Km
2-	2 Km
3-	3 Km
4-	4 Km
9-	Cut Length

grey	black	3.5/1.0	400/1000 *	62.5/125 OM1+	X-599683-9
grey	black	3.5/1.0	160/200	62.5/125 E	X-599683-8
orange	black	3.5/1.0	500/500	50/125 OM2	X-599683-7
orange	black	3.5/1.0	750/2000 *	50/125 OM2+	X-599683-6
grey	black	3.5/1.0	200/600	62.5/125 OM1	X-599683-5
blue	black	0.45/0.35	single mode	9/125 OS2	X-599683-4
orange	black	3.5/1.0	1500/500	50/125 OM3	X-599683-3
orange	black	3.5/1.0	3500/500	50/125 OM4	X-599683-2
grey	black	3.5/1.0	160/500	62.5/125 S	X-599683-1
Loose Tube Colour	Jacket Colour	Max Cabled fibre attn. loss db/km @ 850/1300nm	Bandwidth @ 850/1300nm	Fiber Type	Amp Part Number

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DIMENSIONS: mm		CHK D.WALKER	NAME FO CAB CSA GLT 12x, HDPE CORRUGATED STEEL TAPE ARMED GEL FILLED LOOSE TUBE														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A.GIBBONS	PRODUCT SPEC														
<table border="0"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±</td></tr> <tr><td>2 PLC</td><td>±</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> <tr><td>ANGLES</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±	2 PLC	±	3 PLC	±	4 PLC	±	ANGLES	±	APPLICATION SPEC	DRAWING NO A3 00779 C-599683		
0 PLC	±																
1 PLC	±																
2 PLC	±																
3 PLC	±																
4 PLC	±																
ANGLES	±																
MATERIAL		FINISH	WEIGHT	SCALE	SHEET 1 OF 1 REV K												
CUSTOMER DRAWING																	