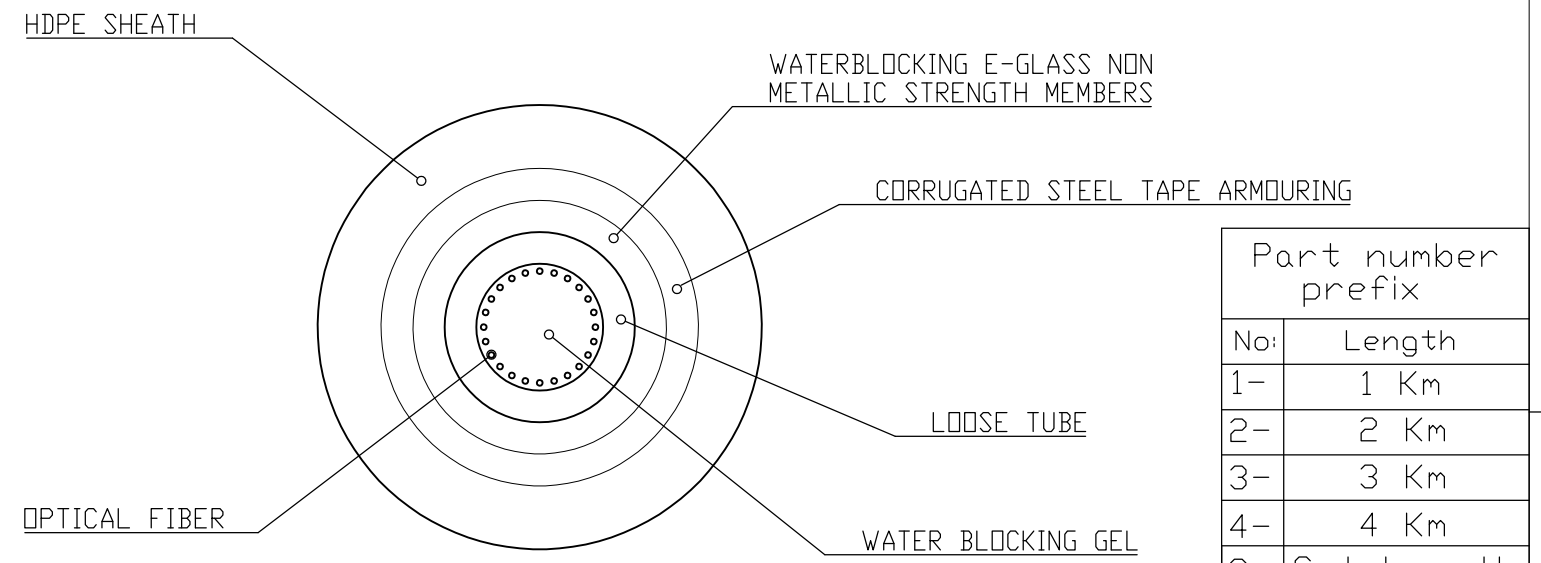


LOC	DIST	REVISIONS			
		LTR	DESCRIPTION	DATE	APVD
E	B	A	EH-0962-01	30-Aug-01	SvP
		B	JZ00-0002-02	29JUL02	AG
		C	JZ00-0007-03	30APR03	AG
		D	JZ00-0012-05	07APR05	AG
		F	ECR-06-014967	04JUL07	DW
		G	ECR-09-000121	08JAN09	DW
		H	ECR-10-009119	06SEPT10	LST

# 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)
- 24off 250um Primary Coated Fibers**  
 Buffer Colours Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise  
 Banded Colours Blue, Orange, Green, Brown, Grey, White, Red, Natural, Yellow, Violet, Pink, Turquoise  
 All 24 fibers contained inside one loose tube (OD=4.0±0.2mm)  
 Gelfilled, Colour as per table
- Tight Jacketted Construction with Loose Tube inside**  
 Water blocking E-glass strength members  
 corrugated Steel Tape armouring  
 HDPE jacket (OD=10.5mm)  
 Jacket Colour as per table
- Outer Jacket Text to be indelibly marked in contrasting colour every meter, text 2.5 to 5.0mm 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-599690-7 CSA GEL LOOSE TUBE 24x 50/125um OM2 HDPE"
- Mechanical Properties of Cable (Tested according to IEC60794-1)**  
 Nominal weight 120.0 kg/km  
 Minimum Installation Bend Radius 200 mm  
 Minimum Service Bend Radius 160 mm  
 Tensile Rating 1250 N  
 Maximum Crush Resistance 3000 N/10 cm  
 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-599690-9
grey	black	3.5/1.0	160/200	62.5/125 E	X-599690-8
orange	black	3.5/1.0	500/500	50/125 OM2	X-599690-7
orange	black	3.5/1.0	750/2000 *	50/125 OM2+	X-599690-6
grey	black	3.5/1.0	200/600	62.5/125 OM1	X-599690-5
blue	black	0.45/0.35	single mode	9/125 OS2	X-599690-4
orange	black	3.5/1.0	1500/500	50/125 OM3	X-599690-3
orange	black	3.5/1.0	3500/500	50/125 OM4	X-599690-2
grey	black	3.5/1.0	160/500	62.5/125 S	X-599690-1
Loose Tube Colour	Jacket Colour	Max Cabled fibre attn. loss db/km @ 850/1300nm	Bandwidth @ 850/1300nm	Fiber Type	Amp Part Number

THIS DRAWING IS A CONTROLLED DOCUMENT FOR Tyco Electronics Nederland B.V. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN 04 JUL 07 J.DYER CHK D.WALKER APVD A.GIBBONS PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	<b>Tyco Electronics</b> Tyco Electronics UK Ltd Bodelwyddan, Denbighshire, LL18 5TZ UK NAME FO CAB CSA GLT 24x, HDPE CORRUGATED STEEL ARM. GEL FILLED LOOSE TUBE SIZE A3 CAGE CODE 00779 DRAWING NO ©-599690
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± .2°	MATERIAL - FINISH - CUSTOMER DRAWING	SCALE NTS SHEET 1 OF 1 REV G