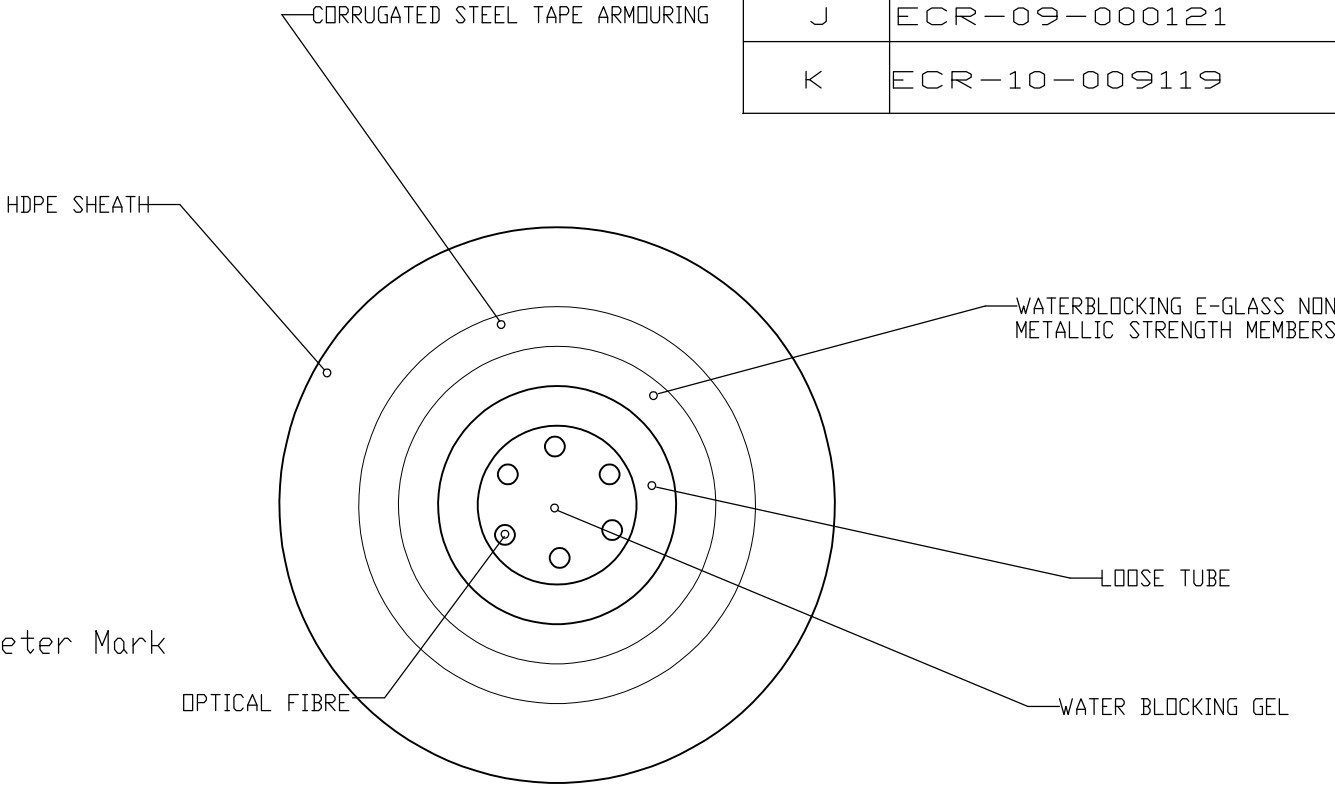


LOC	DIST	REVISIONS			
		LTR	DESCRIPTION	DATE	APVD
E	B	A	EH-0962-01	30-Aug-01	SvP
		B	JZ00-0002-02	29JUL02	AG
		C	JZ00-0007-03	30APR03	AG
		D	JZ00-0012-05	22MAR05	AG
		H	ECR-06-014967	04JUL07	DW
		J	ECR-09-000121	08JAN09	DW
		K	ECR-10-009119	03SEPT10	AG

CABLE SPECIFICATION

1. 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)
2. 6off 250um Primary Coated Fibers
Buffer Colours Blue,Orange,Green,Brown,Grey,White
All 6 fibers contained inside one loose tube (OD=2.8±0.2mm)
gel filled loose tube, Colour as per table
3. 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
4. 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-599682-7 CSA GEL LOOSE TUBE 6X 50/125um OM2, HDPE"
5. 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
6. 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-599682-9
grey	black	3.5/1.0	160/200	62.5/125 E	X-599682-8
orange	black	3.5/1.0	500/500	50/125 OM2	X-599682-7
orange	black	3.5/1.0	750/2000 *	50/125 OM2+	X-599682-6
grey	black	3.5/1.0	200/600	62.5/125 OM1	X-599682-5
blue	black	0.45/0.35	single mode	9/125 OS2	X-599682-4
orange	black	3.5/1.0	1500/500	50/125 OM3	X-599682-3
orange	black	3.5/1.0	3500/500	50/125 OM4	X-599682-2
grey	black	3.5/1.0	160/500	62.5/125 S	X-599682-1
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.

DIMENSIONS: mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± 0.2°

FINISH

-

DWN J.DYER

CHK D.WALKER

APVD A.GIBBONS

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

08 JAN09

Tyco Electronics UK Ltd
Bodelwyddan, Denbighshire, LL18 5TZ UK

NAME

FO CAB CSA GLT 6x, HDPE
CORRUGATED STEEL TAPE ARM.
GEL FILLED LOOSE TUBE

SIZE

A3

CAGE CODE

00779

DRAWING NO

C= 599682

CUSTOMER DRAWING

SCALE 3:2

SHEET 1 OF 1

REV K