

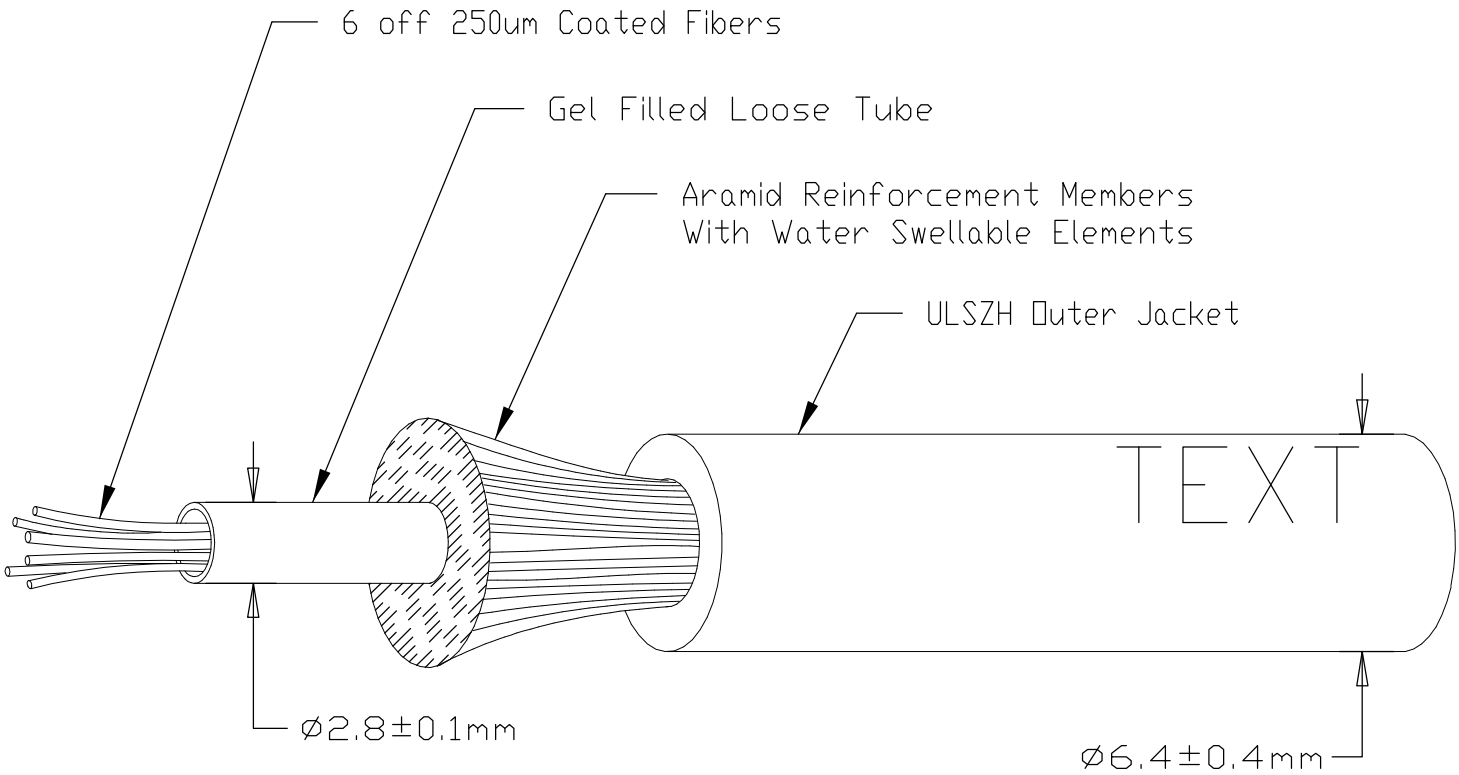
4

3

2

1

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
F	B		A	EH00-1940-98	20Nov98	MWH	MWH
			B	JZ00-0002-02	29JUL02	PWT	AG
			C	JZ00-0054-04	14DEC04	L T	AG
			D	JZ00-0012-05	18MAR05	PS	AG
			E	ECR-06-0149**	2006	PT	AG
			F	ECR-09-021517	16NOV09	PS	AG
			G	ECR-10-001525	18MAR10	LST	AG



1. 6off 250um Primary Coated Fibers, Colours Blue, Orange, Green, Brown, Grey & White
- * Laser Grade Fiber in Table, Gigabit Ethernet
Maximum Link distance SX (850 nm)/ LX (1300 nm)

2. Outer Jacket Text in contrasting colour
Example (excluding Reel No & Meter Mark)
"AMP NETCONNECT F.O.CABLE X-599161-8 int/ext GEL LOOSE TUBE 6X 62.5/125E"

3. Mechanical Properties of Cable (Tested according to IEC 60794-1)
Nominal weight 33.0 kg/km
Minimum Installation Bend Radius 140 mm
Minimum Service Bend Radius 130 mm
Maximum Installation Tension 500 N
Maximum Operating Tension 400 N
Maximum Crush Resistance 2000 N/10 cm
Operating Temperature Range -20 to +60°C
Internal/External Grade
Low Smoke Zero Halogen Material to be compliant with
Water Absorbtion IEC 60811-1, <2mg/cm2 10days @ 70°C
Smoke Emission IEC 61034
Acid Gas Emission IEC 60754-1
Toxicity NES 60713
Fire Propagation IEC 60332-1 & 60332-3

4. To meet the requirements of TYCO ELETCRONICS 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	orange	3.5/1.0	400/1000 *	62.5/125 OM1+	X-599161-9
grey	black	3.5/1.0	160/200	62.5/125 E	X-599161-8
orange	orange	3.5/1.0	500/500	50/125 OM2	X-599161-7
orange	orange	3.5/1.0	750/2000 *	50/125 OM2+	X-599161-6
grey	orange	3.5/1.0	200/600	62.5/125 OM1	X-599161-5
blue	yellow	0,45/0,35	single mode	9/125 OS2	X-599161-4
orange	aqua	3.5/1.0	1500/500	50/125 OM3	X-599161-3
orange	aqua	3.5/1.0	3500/500	50/125 OM4	X-599161-2
grey	blue	3.5/1.0	160/500	62.5/125 S	X-599161-1
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 AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.1
1 PLC ±0.01
2 PLC ±0.001
3 PLC ±0.0001
4 PLC ±
ANGLES ±

FINISH

MATERIAL

DWN 18MAR05
P. SMITH
CHK
D WALKER
APVD
A GIBBONS
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

NAME
FO CAB I/EGLT X6
Fiber Optic Cable
Int/Ext Gel Loose Tube x6

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-599161

SCALE
NTS

SHEET
1 OF 1

REV
G

Tyco Electronics

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AMP 1470-19 REV 09MAY94