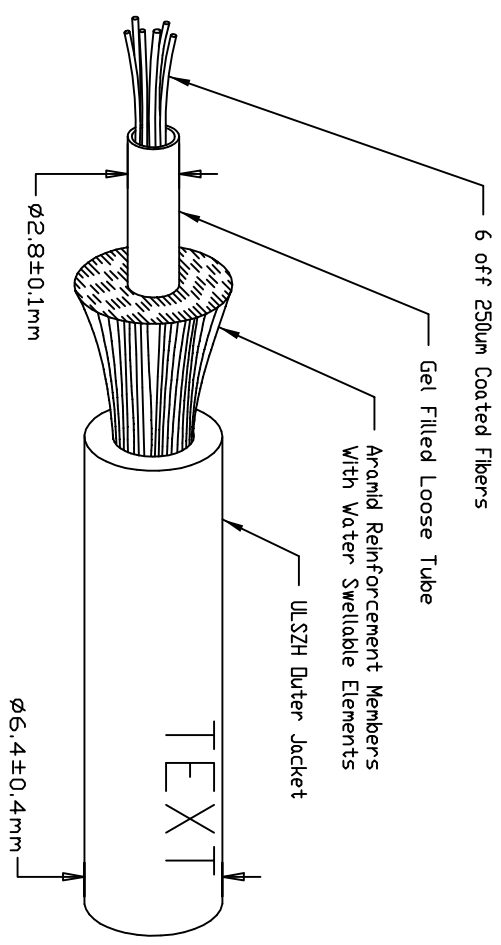


REVISIONS				
REV	DIST	LOC	DESCRIPTION	DATE
A	EH00-1940-98			20NOV98
B	JZ00-0002-02			29JUL92
C	JZ00-0054-04			14DEC04
D	JZ00-0012-05			18MAR05
E	ECR-06-0149**			2006
F	ECR-09-021517			16NOV09
G	ECR-10-001525			18MAR10
H	ECR-12-020224			10AUG15



1. 6off 250um Primary Coated Fibers, Colours Blue, Orange, Green, Brown, Grey & White

2. Duter Jacket Text in contrasting colour
Example (excluding Reel No & Meter Mark)
TE CONNECTIVITY OPTIBEND SYSTEM FIBCABLE X-599161-3 Int/ext GEL LOOSE TUBE 6X 50/125*

3. Mechanical Properties of Cable (Tested according to IEC 60794-1)

- Nominal weight 330 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 Absorption IEC 60811-1, <2mg/cm2 100days @ 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 TE CONNECTIVITY environmental specification 138-702

OPTIBEND SYSTEM IN THE PRINT
ONLY APPLIES TO FIBRE TYPES
MARKED WITH AN ASTERIX *

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

grey	orange	2.80/0.90	400/1000	62.5/125 DM1+	X-599161-8
orange	orange	2.50/0.70	500/500	50/125 DM2 BI *	X-599161-7
orange	orange	2.50/0.70	750/2000	50/125 DM2+	X-599161-6
grey	orange	2.80/0.90	200/600	62.5/125 DM1	X-599161-5
blue	yellow	0.37/0.25	single mode	9/125 DS2	X-599161-4
orange	aqua	2.50/0.70	1500/500	50/125 DM3 BI *	X-599161-3
orange	aqua	2.50/0.70	3500/500	50/125 DM4 BI *	X-599161-2
Loose Tube	Jacket Colour	Max Coated fibre with loss db/km @ 850/1300nm	Bandwidth @ 850/1300nm	Fiber Type	TE Part Number

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED	
mm		mm	
0 PLG		±0.1	
1 PLG		±0.01	
2 PLG		±0.001	
3 PLG		±0.0001	
4 PLG		±0.0001	
FINISH		-	
MATERIAL		-	
DRAWING NO		A3 00779	
SCALE		NTS	
SHEET		1 OF 1	
REV		H	