

LOC	DIST	REVISONS	DATE	DMN	APP'D
ES	00				
P	LTR	DESCRIPTION			
C		ECR-12-016499	19SEP12	ZZ	AZ

1 OPTICAL FIBER SPECIFICATIONS:

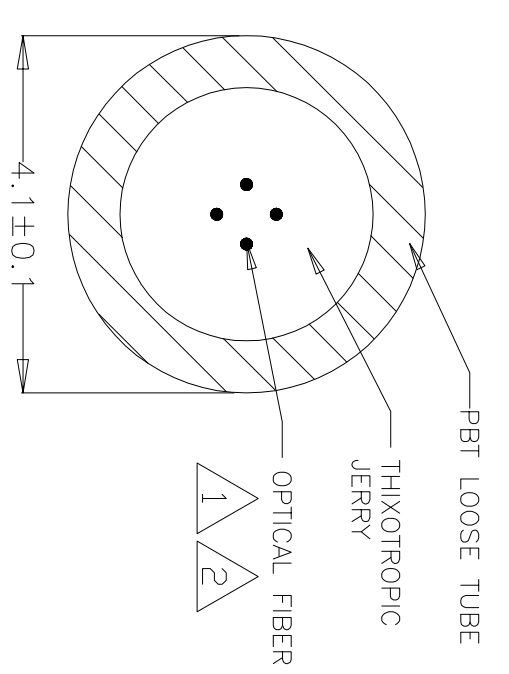
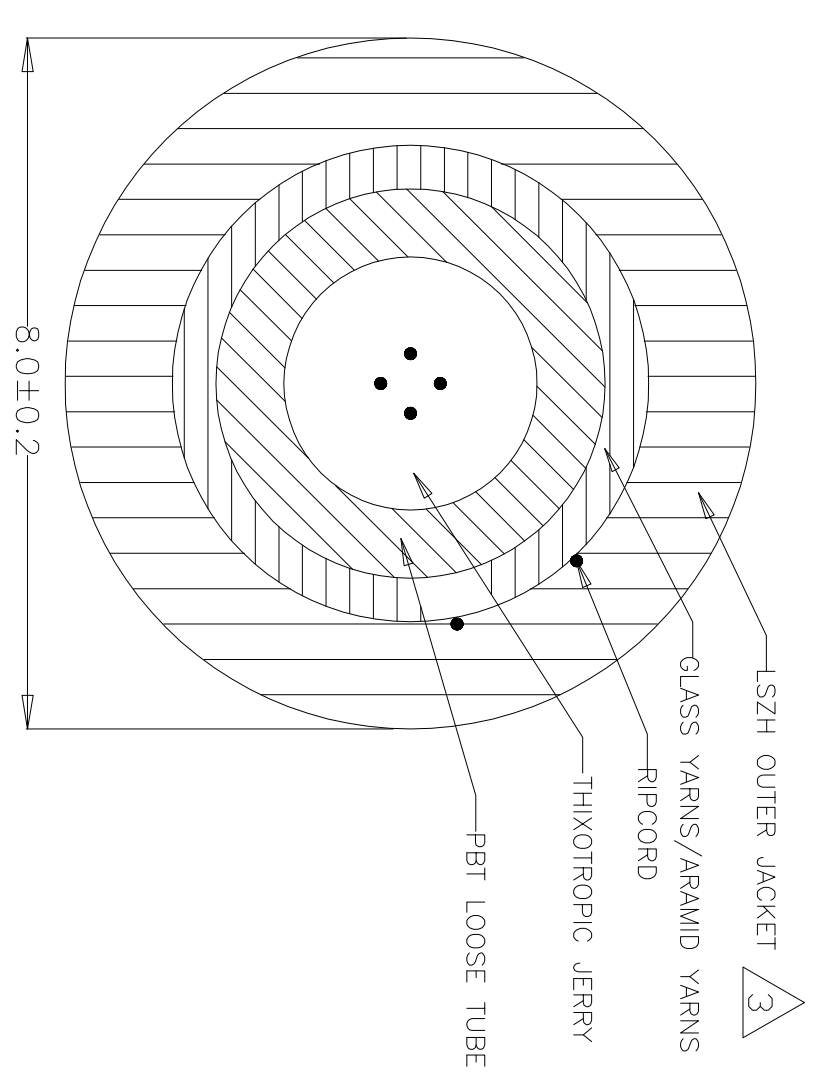
PART NUMBER	FIBER TYPE	CABLE TYPE	ATTENUATION db/km				OFL BANDWIDTH MHz-Km	
			850nm	1300nm	1310nm	1550nm	850nm	1300nm
X-1427436-1	62.5/125	OM1	MAXIMUM	3.5	N/A	N/A	200	600
X-1427436-2	50/125	OM2	MAXIMUM	3.5	N/A	N/A	500	500
X-1427436-3	50/125	OM3	MAXIMUM	3.5	N/A	N/A	1500	500
X-1427436-4	SM,G652D	OS2	MAXIMUM	N/A	0.36	0.23	N/A	N/A
X-1427436-5	50/125	OM4	MAXIMUM	3.5	N/A	N/A	3500	500

2 OPTICAL FIBERS TO BE COLOR-CODED BLUE, ORANGE, GREEN, BROWN PER TIA/EIA 598A.

3 CABLE OUTER JACKET:  
 A. OUTER JACKET MATERIAL TO BE LSZH.  
 B. JACKET COLOR TO BE BLACK.

- 4 RATINGS:
- A. STORAGE TEMPERATURE: -40°C TO +70°C
  - B. OPERATING TEMPERATURE: -20°C TO +70°C
  - C. INSTALLATION TEMPERATURE: -10°C TO +60°C
  - D. MAXIMUM INSTALLATION TENSILE STRENGTH: 1800 N
  - E. MAXIMUM OPERATION TENSILE STRENGTH: 800 N
  - F. MINIMUM BEND RADIUS AT INSTALLATION: 20 TIMES CABLE DIAMETER
  - G. MINIMUM BEND RADIUS, UNLOADED: 10 TIMES CABLE DIAMETER
  - H. CRUSH RESISTANCE: 1000 N/10cm
  - I. CABLE WEIGHT: 73 KG/KM NOMINAL

- 5 YY/WW - YEAR/WEEK - EXAMPLE: 10/15
- 6 XXXXX - SEQUENTIAL METER MARKING
- 7 TOLERANCE ON LENGTH MARKINGS: -0%/+10%
- 8 FIBER-CABLE TYPE-- "SM-OS2" FOR SINGLE MODE, "62.5/125-OM1"; "50/125-OM2"; "50/125-OM3"; "50/125-OM4" FOR MULTIMODE.
- 9 TRACE MANUFACTURE WORKSHOP ORDER NUMBER



TE CONNECTIVITY F O CABLE I/O LOOSE TUBE LSZH [FIBER-CABLE TYPE] 4F YY/WW XXXXX METER XXXXXX  
 LEGEND TO BE REPEATED EVERY METER IN INDENTED WHITE INK OR WHITE HOT FOIL TAPE

PART NUMBER LIST	
8-1427436-5	3-1427436-5 2-1427436-5 1-1427436-5 50/125-OM4
8-1427436-4	3-1427436-4 2-1427436-4 1-1427436-4 SM-OS2
8-1427436-3	3-1427436-3 2-1427436-3 1-1427436-3 50/125-OM3
8-1427436-2	3-1427436-2 2-1427436-2 1-1427436-2 50/125-OM2
8-1427436-1	3-1427436-1 2-1427436-1 1-1427436-1 62.5/125-OM1
CUT LENGTH	3000M 2000M 1000M
PACKAGED LENGTH	
FIBER-CABLE TYPE	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN	28SEP2010	TE Connectivity
CHK	RICKY CHEN	

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 P/LC	±
1 P/LC	±
2 P/LC	±
3 P/LC	±
4 P/LC	±
ANGLES	±
FINISH	±

APPROVED: RICKY CHEN 28SEP2010

PRODUCT SPEC: CABLE, FIBER OPTIC, INDOOR/OUTDOOR, LOOSE TUBE, LSZH, 4 FIBERS

APPLICATION SPEC: A2

WEIGHT: 00779

CUSTOMER DRAWING: C=1427436

SCALE: 1 of 1

SHEET: 1 of 1

REV: C

1427436