

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
CE	17	P	LTR	DESCRIPTION	DATE	DWN	APVD
		G		REV; ECO-14-001330	21JAN14	AVB	AVB

PART NUMBER	FIBER TYPE 1.1 2.2	MAX ATTENUATION (dB/km)				MINIMUM OVERFILLED LAUNCH BANDWIDTH (MHz*km)		MINIMUM EFFECTIVE MODAL BANDWIDTH (MHz*km)		MINIMUM 10 GIGABIT ETHERNET LINK DISTANCE (meters)		A (mm)	A +/- (mm)	B (mm)	B +/- (mm)	JACKET COLOR 1.3	FLAME RATING 2.3	FIBER SPECIFICATION
		850nm	1300nm	1310nm	1550nm	850nm	1300nm	850nm	850nm									
1-1777117-7	62.5/125 OM1	3.5	1.2	N/A	N/A	200	500	N/A	33	13.0	+0.8 -0.5	5.8	+0.4 -0.8	ORANGE	OFCP	TIA-492AAAA-XBAXE		
2-1777117-1	50/125 OM2	3.5	1.5	N/A	N/A	500	500	N/A	82	12.0	+0.8 -0.6	5.8	+0.4 -0.8	BARE AL 2.7	NONE	TIA-492AAAB-XBAX7		
2-1777117-7	50/125 OM2	3.5	1.5	N/A	N/A	500	500	N/A	82	13.0	+0.8 -0.5	5.8	+0.4 -0.8	ORANGE	OFCP	TIA-492AAAB-XBAX7		
3-1777117-6	OM3	3.0	1.0	N/A	N/A	1500	500	2000	300	14.9	+1.5 -2.4	7.0	+0.4 -1.8	AQUA	OFCR	TIA-492AAAC-XBAX		
3-1777117-7	OM3	3.0	1.0	N/A	N/A	1500	500	2000	300	13.0	+0.8 -0.5	5.8	+0.4 -0.8	AQUA	OFCP	TIA-492AAAC-XBAX		
7-1777117-7	OM4	3.0	1.0	N/A	N/A	3500	500	4700	550	13.0	+0.8 -0.5	5.8	+0.4 -0.8	AQUA	OFCP	TIA-492AAD-XBAX		
4-1777117-6	SINGLE-MODE BIF	N/A	N/A	0.5	0.5	N/A	N/A	N/A	N/A	14.9	+1.5 -2.4	7.0	+0.4 -1.8	YELLOW	OFCR	ITU-T G.657.A1		
4-1777117-7	SINGLE-MODE BIF	N/A	N/A	0.5	0.5	N/A	N/A	N/A	N/A	13.0	+0.8 -0.5	5.8	+0.4 -0.8	YELLOW	OFCP	ITU-T G.657.A1		

1. CABLE CONSTRUCTION:

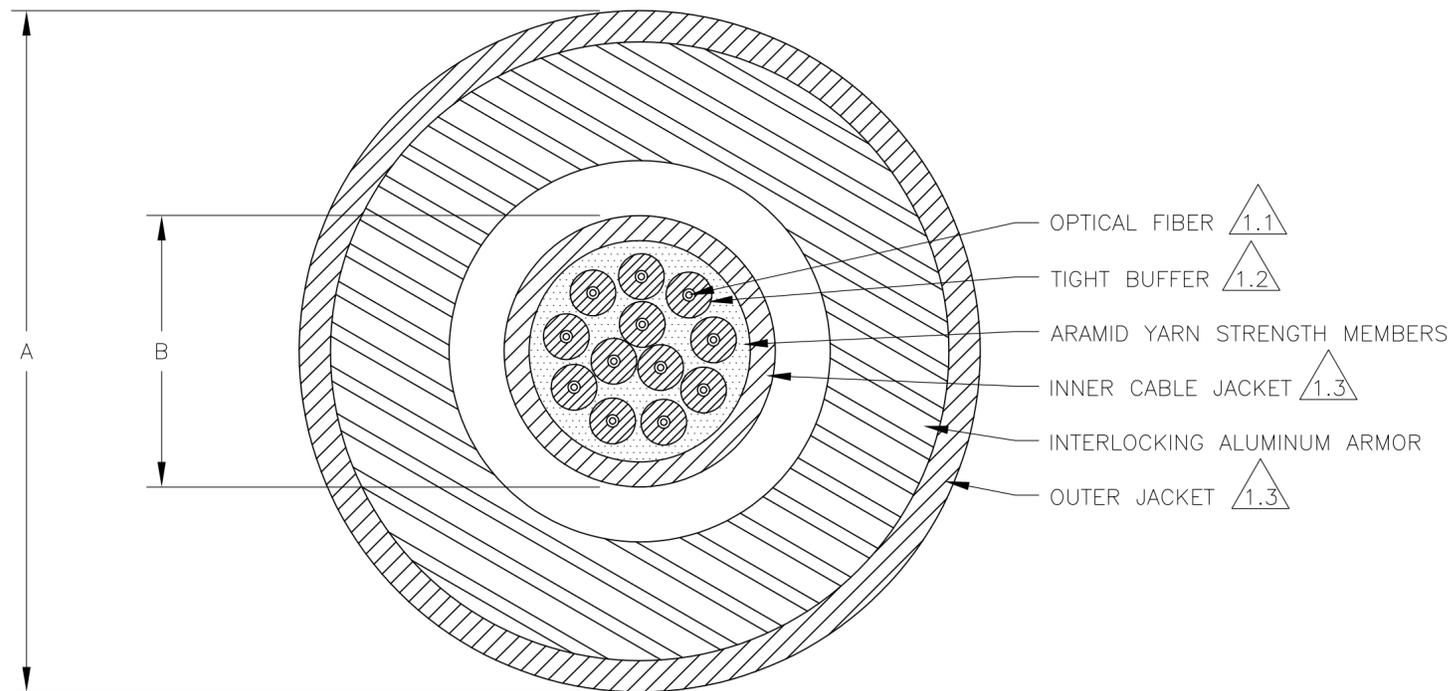
- 1.1 OPTICAL FIBER: 245±10µm  
SEE TABLE FOR TYPE.  
OM2, OM3, AND OM4 AND SINGLE-MODE FIBER TYPES ARE BEND INSENSITIVE.
- 1.2 TIGHT BUFFER: 900±50µm  
TO BE COLOR CODED PER TIA-598.
- 1.3 JACKET:  
SEE TABLE FOR COLOR. COLOR SPECIFICATION PER EIA-359.

2. LEGEND:

- 2.1 LEGEND REPEATED EVERY TWO FEET IN CONTRASTING COLOR INK.
- 2.2 SEE TABLE FOR APPROPRIATE LEGEND PRINTING.
- 2.3 FLAME RATING. SEE TABLE.
- 2.4 MM/YY = MONTH/YEAR
- 2.5 SO XXXXXX = SHOP ORDER NUMBER.
- 2.6 XXXXX = SEQUENTIAL FOOT MARKING.
- 2.7 BARE ALUMINUM ARMORED CABLE WILL NOT HAVE A LEGEND.

3. REQUIREMENTS:

- 3.1 UL OR ETL LISTED FOR USE IN THE USA AND CANADA.
- 3.2 QUALIFIED TO TELCORDIA GR-409-CORE AND ANSI/ICEA S-83-596.



TE CONNECTIVITY 12 FIBER 62.5/125 OM1 OFCP-FT6 c(UL)us OFCP MM/YY SO XXXXXXXXXX XXXXX FEET

LEGEND 2.1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	OBJAN10	<b>TE</b> TE Connectivity	
DIMENSIONS: mm		A. BROUGHTON	OBJAN10		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	OBJAN10	CABLE, ILJA, DISTRIBUTION, 12 FIBER	
0 PLC ± -		A. BROUGHTON	OBJAN10		
1 PLC ± -		APVD	OBJAN10	RESTRICTED TO	
2 PLC ± -		M. KEPKO	OBJAN10		
3 PLC ± -		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
4 PLC ± -		APPLICATION SPEC			
ANGLES ± -				A2 00779 C=1777117	
FINISH					
MATERIAL		WEIGHT		SCALE NTS SHEET 1 of 1 REV G	
		CUSTOMER DRAWING			