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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
C		40031185MCO	07JUN16	M.D T.V

1 OPTICAL FIBER SPECIFICATIONS:

PART NUMBER	FIBER TYPE	CABLE TYPE	ATTENUATION dB/km	OFL BANDWIDTH MHz-Km					
				850nm	1300nm				
X-1427452-1	62.5/125	OM1	MAXIMUM	3.5	1.5	N/A	N/A	200	600
X-1427452-2	50/125	OM2	MAXIMUM	3.5	1.5	N/A	N/A	500	500
X-1427452-3	50/125	OM3	MAXIMUM	3.5	1.5	N/A	N/A	1500	500
X-1427452-4	SM,G652D	OS2	MAXIMUM	N/A	N/A	0.36	0.23	N/A	N/A
X-1427452-5	50/125	OM4	MAXIMUM	3.5	1.5	N/A	N/A	3500	500

2 OPTICAL FIBERS TO BE COLOR-CODED BLUE, ORANGE, GREEN, BROWN, GREY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK, AQUA PER TIA/EIA-598.

3 CONSTRUCTION:  
 A. GLASS YARN STRENGTH MEMBERS.  
 B. OUTER JACKET MATERIAL TO BE POLYETHYLENE.  
 C. JACKET COLOR TO BE BLACK.

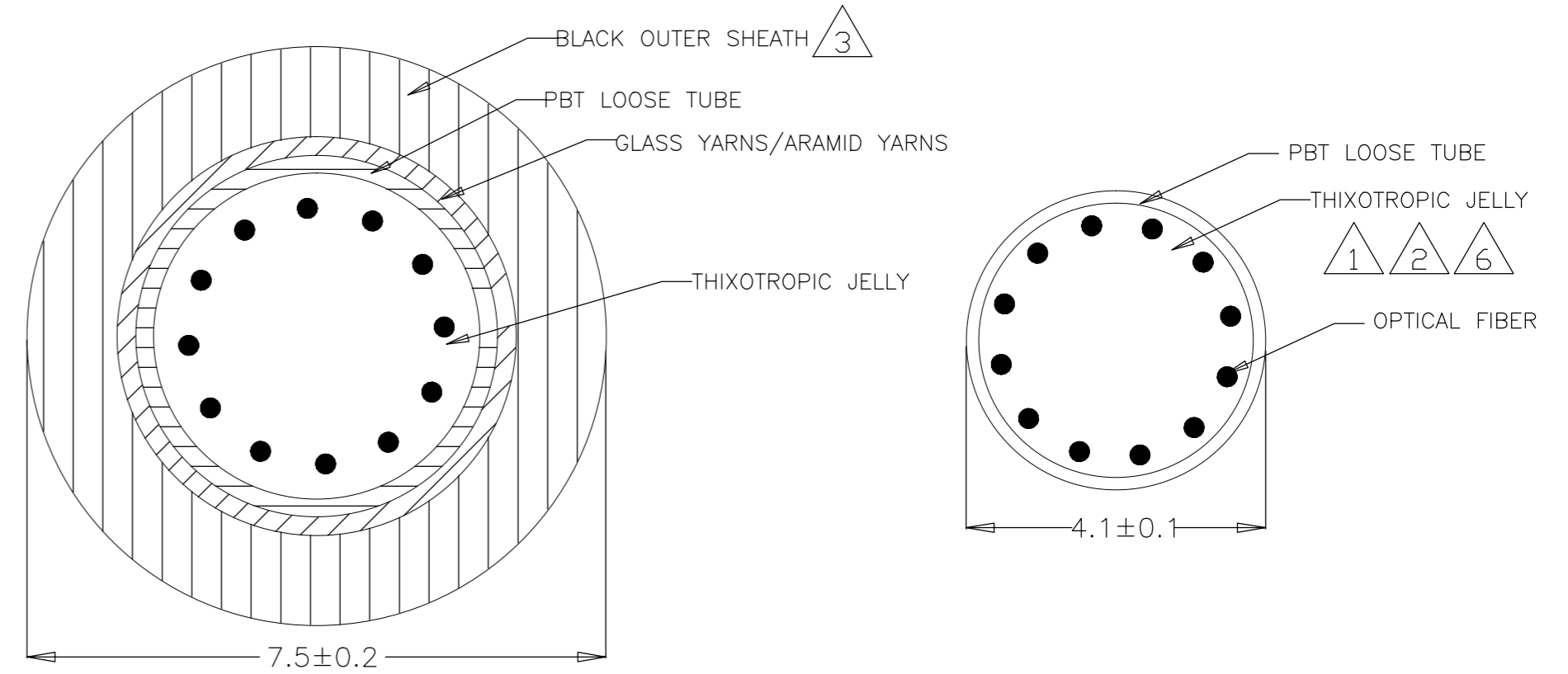
4 CABLE RATINGS:  
 A. STORAGE TEMPERATURE: -40°C TO +70°C.  
 B. OPERATING TEMPERATURE: -40°C TO +70°C.  
 C. INSTALLATION TEMPERATURE: -20°C TO +60°C.  
 D. MAXIMUM TENSILE STRENGTH FOR INSTALLATION: 1500 N.  
 E. MAXIMUM TENSILE STRENGTH FOR OPERATION: 600 N.  
 F. MINIMUM BEND RADIUS AT INSTALLATION: 20 X CABLE DIAMETER.  
 G. MINIMUM BEND RADIUS, OPERATION: 10 X CABLE DIAMETER.  
 H. CRUSH RESISTANCE: 1000N/10cm.  
 I. CABLE WEIGHT: 48 KG/KM.

5 FIBER-CABLE TYPE-- "SM-OS2" FOR SINGLEMODE, "62.5/125-OM1", "50/125-OM2", "50/125-OM3", "50/125-OM4" FOR MULTIMODE.

6 MM/YY MONTH/YEAR - EXAMPLE: 06/16

7 XXXXX - SEQUENTIAL METER MARKING.  
 TOLERANCE ON LENGTH MARKINGS: -0%/+1%.

8 PRINT LEGEND ACCORDING 101-131550 METHOD A, LEGEND TO BE REPEATED EVERY METER IN INDENTED WHITE INK.



1 5 6 7  
 COMMSCOPE 7.5mm OUTDOOR OPTICAL CABLE X-1427452-Y 12F [Fiber type] PE [Batch code] MM/YY XXXX (M)

PART NUMBER LIST				
8-1427452-5	3-1427452-5	2-1427452-5	1-1427452-5	50/125-OM4
8-1427452-4	3-1427452-4	2-1427452-4	1-1427452-4	SM-OS2
8-1427452-3	3-1427452-3	2-1427452-3	1-1427452-3	50/125-OM3
8-1427452-2	3-1427452-2	2-1427452-2	1-1427452-2	50/125-OM2
8-1427452-1	3-1427452-1	2-1427452-1	1-1427452-1	62.5/125-OM1
CUT LENGTH	3000M	2000M	1000M	FIBER-CABLE TYPE
PACKAGED LENGTH				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 01OCT2010 ENIAC XU	COMMSCOPE, INC.	
DIMENSIONS: mm		CHK -	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 01OCT2010 RICKY CHEN	CABLE, FIBER OPTIC, OSP, 12 FIBERS	
0 PLC ± -		PRODUCT SPEC	-	
1 PLC ± -		APPLICATION SPEC	-	
2 PLC ± -		WEIGHT	SIZE A2	CAGE CODE 00779
3 PLC ± -		FINISH	DRAWING NO. C=1427452	RESTRICTED TO
4 PLC ± -		MATERIAL	SCALE	SHEET 1 of 1
ANGLES ± -		CUSTOMER DRAWING	REV C	

1427452