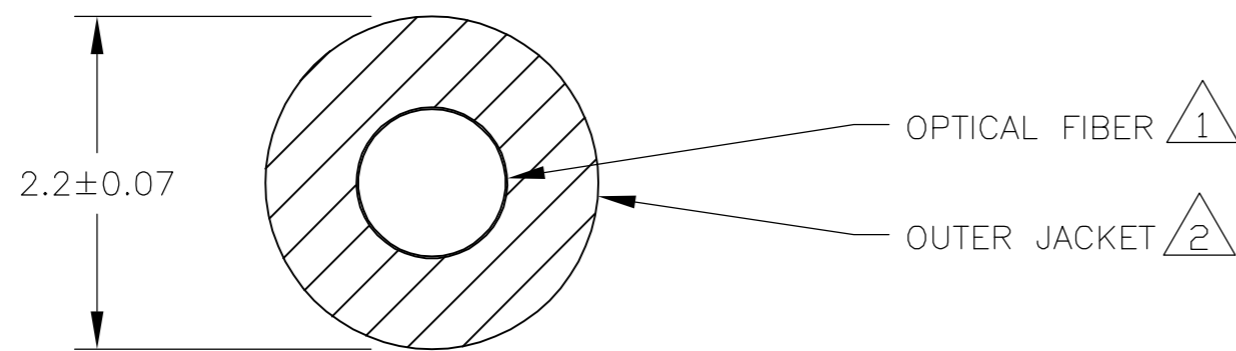


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	17	L	REV PER ECR-05-007512	09SEP05	AVB AVB

PART NUMBER	LENGTH (METERS)
501232-1	25+0.25/-0.0
501232-2	50+0.5/-0.0
501232-3	100+1.0/-0.0
501232-4	1000+10/-0.0
501232-5	NON SALEABLE PART
501232-6	500+5.0/-0.0
501232-7	NON SALEABLE PART

- 1. STEP INDEX PLASTIC OPTICAL FIBER
 - 1.1 CORE REFRACTIVE INDEX: 1.49 TYP.
 - 1.2 CLAD REFRACTIVE INDEX: 1.42 TYP
 - 1.3 NUMERICAL APERTURE: 0.46 TYP.
 - 1.4 CORE DIAMETER: 980±60um
 - 1.5 CLAD DIAMETER: 1000±60um
- 2. JACKET:
 - 2.1 MATERIAL: POLYETHYLENE.
 - 2.2 COLOR: BLACK.
- 3. ATTENUATION AT 650nm AND 25°C:
 - 3.1 TYPICAL: 140dB/km.
 - 3.2 MAX: 150 dB/km.
- 4. RATINGS:
 - 4.1 OPERATING TEMPERATURE: -40°C TO +85°C.
 - 4.2 STORAGE TEMPERATURE: -40°C TO +85°C.
 - 4.3 MINIMUM BEND RADIUS: 25mm.
 - 4.4 TENSILE STRENGTH: 8kg.
 - 4.5 CABLE WEIGHT: 3.75 kg/km TYP.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. BROUGHTON 09SEP05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK A. BROUGHTON 09SEP05	NAME CABLE, FIBER OPTIC, 1000um PLASTIC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. DARR 09SEP05	SIZE A2	CAGE CODE 00779
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC	DRAWING NO C=501232	RESTRICTED TO -
MATERIAL -	FINISH -	WEIGHT -	SCALE NTS	SHEET 1 OF 1
CUSTOMER DRAWING			REV L	