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LDC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
D		REV ECN 0A60-0007-96	27SEP96	MKB	VD		
E		REV ECN 0A60-0012-96	8OCT96	RDT	VJD		
F		REV ECN 0A60-0062-97	07AUG97	MKB	VJD		

1 OPTICAL FIBER SPECIFICATIONS:

PART NUMBER	FIBER TYPE	ATTENUATION dB/km			BANDWIDTH MHz-Km		FIBER SIZE PRINTING 1	
			850nm	1300nm	1550nm	850nm		1300nm
502988-1	62.5/125	MAXIMUM	3.5	1.0	n/a	160	500	62.5/125
		TYPICAL	2.9	0.9	n/a			
502988-2	50/125	MAXIMUM	3.5	2.0	n/a	400	400	50/125
		TYPICAL	2.6	1.1	n/a			
502988-3	100/140	MAXIMUM	5.0	3.0	n/a	100	100	100/140
		TYPICAL	4.5	2.5	n/a			
502988-4	SINGLEMODE	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SM
		TYPICAL	n/a	0.5	0.5			
502988-5	NOT USED	MAXIMUM	n/a	n/a	n/a	n/a	n/a	N/A
		TYPICAL	n/a	n/a	n/a			
502988-6	SINGLEMODE SMF-28	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SMF-28 10
		TYPICAL	n/a	0.5	0.5			

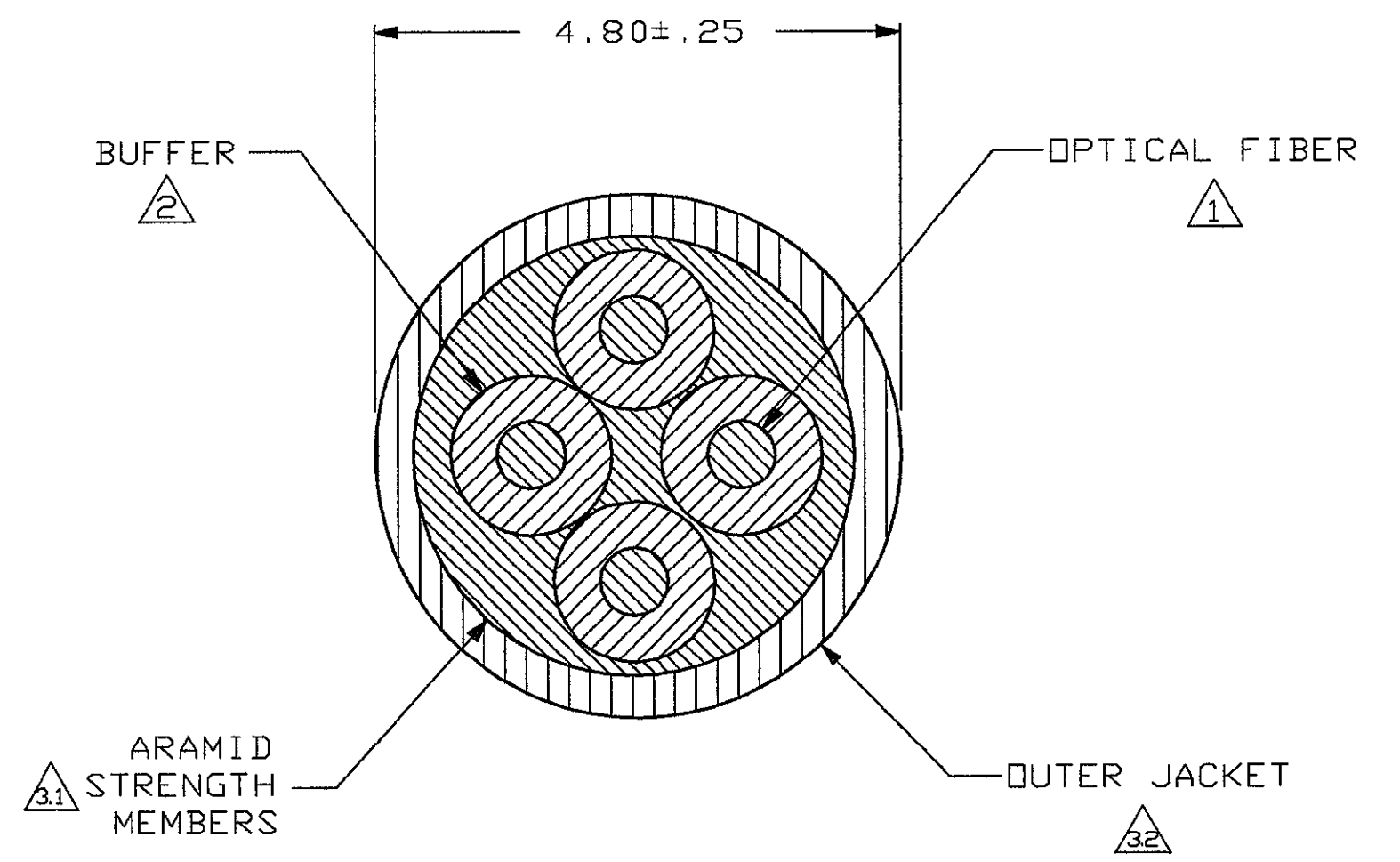
2 TIGHT BUFFER: 900±50µm
 A. BUFFER COLORS: BLUE, ORANGE, GREEN AND BROWN, PER EIA-359-A.

3 CONSTRUCTION:
 3.1 ARAMID YARN STRENGTH MEMBERS
 3.2 OUTER JACKET MATERIAL TO BE LOW SMOKE, FLAME RETARDANT PVC.
 COLOR TO BE ORANGE FOR MULTIMODE PER EIA-359-A.
 COLOR TO BE YELLOW FOR SINGLEMODE PER EIA-359-A.

4. CABLE RATINGS: RATINGS MEET OR EXCEED THE REQUIREMENTS OF BELLCORE GR-409-CORE.
 A. STORAGE TEMPERATURE: -40°C TO +70°C.
 B. OPERATING TEMPERATURE: -20°C TO +70°C
 C. INSTALLATION TEMPERATURE: -20°C TO +50°C
 D. MAX TENSILE LOAD FOR INSTALLATION: 1400 N
 E. MAX TENSILE LOAD FOR OPERATION: 600 N
 F. MIN BEND RADIUS AT INSTALLATION LOAD: 7.2cm.
 G. MIN BEND RADIUS, UNLOADED (FREE): 4.8cm.
 H. FLEXING: 5000 CYCLES
 I. IMPACT RESISTANCE: 2500 CYCLES
 J. CRUSH RESISTANCE: 1500 N/cm
 K. CABLE WEIGHT: 22kg/km NOMINAL.
 L. VERTICAL RISE: 2080 METERS

5. LEGEND TO BE AS SHOWN. EXAMPLE LEGEND SHOWN WITH -1 INSERT.

- 6 MM/YY - MONTH/YEAR - EXAMPLE: 2/97
- 7 XXXXX - SEQUENTIAL METER MARKING. TOLERANCE ON LENGTH MARKINGS -0%/+1%
- 8 EXXXXXX - MANUFACTURER'S UL FILE NUMBER.
- 9. BULK LENGTH TOLERANCE: +5%/-0%
SPECIAL CUT LENGTHS: +3%/-0%
- 10 CORNING SMF-28 CPC6 FIBER REQUIRED ON -6 CABLES ONLY.



AMP INCORPORATED OPTICAL FIBER CABLE 62.5/125 4 FIBER EXXXXXX TYPE OFNP (UL) c(UL) MM/YY XXXX METERS

LEGEND TO BE REPEATED EVERY METER IN BLACK INK.

PACKAGED LENGTH/PART NUMBER CHART	
BULK FEET	0-PART NUMBER-DASH #
1000m	1-PART NUMBER-DASH #
2000m	2-PART NUMBER-DASH #
3000m	3-PART NUMBER-DASH #
4000m	4-PART NUMBER-DASH #
BULK METERS	5-PART NUMBER-DASH #
1000 FT	6-PART NUMBER-DASH #
3,281 FT	7-PART NUMBER-DASH #
6,562 FT	8-PART NUMBER-DASH #
NOT USED	9-PART NUMBER-DASH #

SINGLEMODE SMF-28	502988-6
NOT USED	502988-5
SINGLEMODE	502988-4
100/140µm-100/100	502988-3
50/125µm-400/400	502988-2
62.5/125µm-160/500	502988-1
FIBER SIZE	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN L. COLLINS 12DEC91 CHK R. HILEMAN 12DEC91 APVD F. ANTONICELLI 12DEC91	AMP AMP Incorporated Harrisburg, PA 17105-3608
DIMENSIONS: mm		PRODUCT SPEC	CABLE, FIBER OPTIC, 4 FIBER, PLENUM OPTIMATE
TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ±		APPLICATION SPEC	
MATERIAL	FINISH	WEIGHT	SIZE A2 CAGE CODE 00779 DRAWING NO. 502988 SCALE NTS SHEET 1 OF 1 REV F
CUSTOMER DRAWING			

502988