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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REL ECN 0A60-0007-96	27SEP96	MKB	VJD
	H	REV ECN 0A60-0075-97	24SEP97	MKB	VJD
	J	REV ECN 0A60-0112-99	16AUG99	LDS	VJD

1 OPTICAL FIBER SPECIFICATIONS:

PART NUMBER	FIBER TYPE	ATTENUATION dB/km			BANDWIDTH MHz-Km		FIBER SIZE PRINTING 1	
		850nm	1300nm	1550nm	850nm	1300nm		
502987-1	62.5/125	MAXIMUM	3.5	1.0	n/a	160	500	62.5/125
		TYPICAL	2.9	0.9	n/a			
502987-2	50/125	MAXIMUM	3.5	2.0	n/a	500	500	50/125
		TYPICAL	2.6	1.1	n/a			
502987-3	100/140	MAXIMUM	5.0	3.0	n/a	100	100	100/140
		TYPICAL	4.5	2.5	n/a			
502987-4	SINGLEMODE	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SM
		TYPICAL	n/a	0.5	0.5			
502987-5	62.5/125	MAXIMUM	3.5	1.0	n/a	200	600	62.5/125 EB
		TYPICAL	2.9	0.9	n/a			
502987-6	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
 BUFFER COLORS - WHITE AND BLUE, PER EIA-359-A

3 CONSTRUCTION:

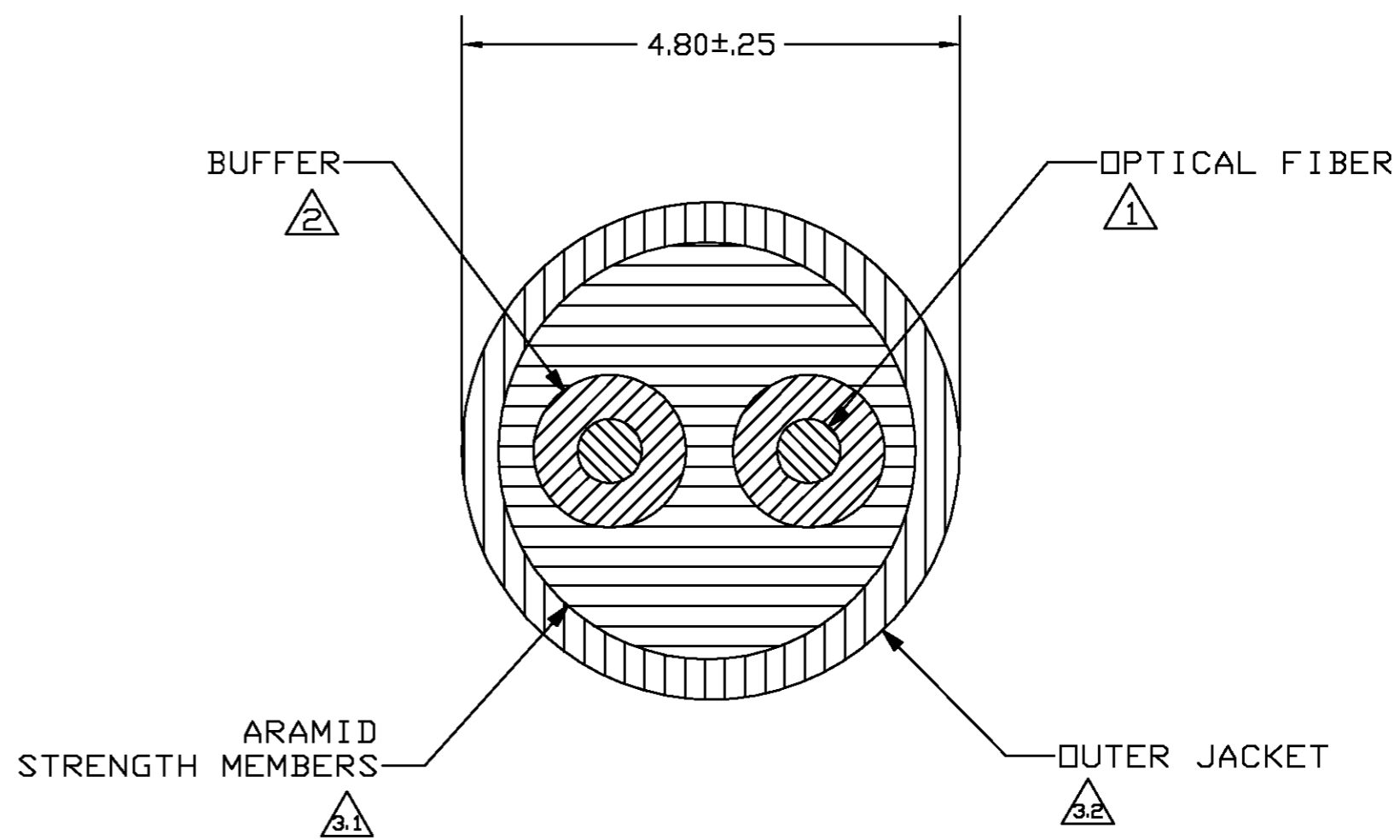
- 3.1 ARAMID YARN STRENGTH MEMBERS
- 3.2 OUTER JACKET MATERIAL TO BE LOW SMOKE, FLAME RETARDANT PVC
 COLOR TO BE ORANGE FOR MULTIMODE PER EIA-359-A.
 COLOR TO BE YELLOW FOR SINGLEMODE PER EIA-359-A.

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: 0°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. CYCLIC FLEX: 5000 CYCLES
- I. IMPACT RESISTANCE: 2500 CYCLES
- J. CRUSH RESISTANCE: 1500 N/cm
- K. CABLE WEIGHT: 20kg/km NOMINAL
- L. VERTICAL RISE: 2260 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.



1 8 6 7
 AMP INCORPORATED OPTICAL FIBER CABLE 62.5/125 DUALAN EXXXXXX TYPE OFNP (UL) c(UL) MM/YY XXXXX METERS

LEGEND TO BE REPEATED EVERY METER IN BLACK INK.

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 #

FIBER SIZE	PART NUMBER
SINGLEMODE - SMF 28	502987-6
62.5/125µm - 200/600	502987-5
SINGLEMODE	502987-4
100/140µm - 100/100	502987-3
50/125µm - 500/500	502987-2
62.5/125µm - 160/500	502987-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN L. COLLINS 12DEC91
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NAME: CABLE, FIBER OPTIC, DUALAN, PLENUM, OPTIMATE

PRODUCT SPEC: APPLICATION SPEC

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C-502987 RESTRICTED TO: J

SCALE: NTS SHEET: 1 OF 1 REV: J

MATERIAL: 1 2 3

WEIGHT: REMOVE FIBERS, BREAK SHARP EDGES AND BEND

CUSTOMER DRAWING