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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	K	REV ECN 0A60-0107-97	03NOV97	MKB	VJD		
	L	REV ECN 0A60-0117-97	12NOV97	MKB	VJD		
	M	REV ECN 0A60-0193-98	17NOV98	LMH	VJD		

1 OPTICAL FIBER SPECIFICATIONS:

PART NUMBER	FIBER TYPE	ATTENUATION dB/km			BANDWIDTH MHz-Km		FIBER SIZE PRINTING 1	
		850nm	1300nm	1550nm	850nm	1300nm		
502983-1	62.5/125	MAXIMUM	3.5	1.0	n/a	160	500	62.5/125
		TYPICAL	2.9	0.9	n/a			
502983-2	50/125	MAXIMUM	3.5	1.5	n/a	500	500	50/125
		TYPICAL	2.6	1.1	n/a			
502983-3	100/140	MAXIMUM	5.0	3.0	n/a	100	100	100/140
		TYPICAL	4.5	2.5	n/a			
502983-4	SINGLEMODE	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SM
		TYPICAL	n/a	0.5	0.5			
502983-5	62.5/125 EXTENDED	MAXIMUM	3.5	1.0	n/a	200	600	62.5/125 10
		TYPICAL	2.8	0.9	n/a			
502983-6	SINGLEMODE SMF-28	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SMF-28 11
		TYPICAL	n/a	0.5	0.5			
502983-7	NOT USED	MAXIMUM	n/a	n/a	n/a	n/a	n/a	n/a
		TYPICAL	n/a	n/a	n/a			
502983-8	62.5/125	MAXIMUM	3.5	1.0	n/a	160	300	62.5/125 LB
		TYPICAL	2.9	0.9	n/a			

2 TIGHT BUFFER: 900±50µm
 BUFFER COLORS - WHITE

3 CONSTRUCTION:

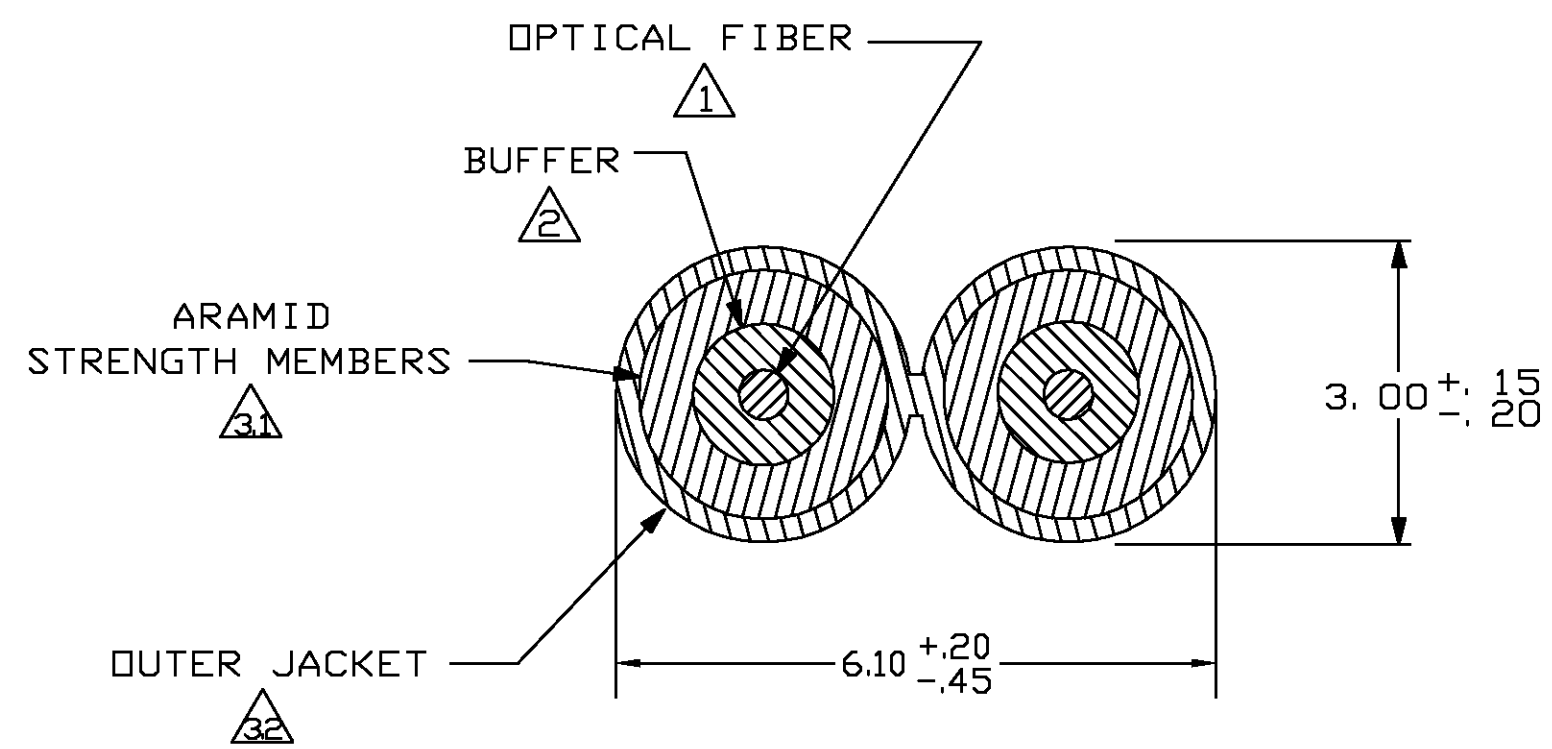
- 31 ARAMID YARN STRENGTH MEMBERS
- 32 OUTER JACKET MATERIAL TO BE FLAME RETARDANT PVC
 COLOR TO BE ORANGE FOR MULTIMODE PER EIA-359-A.
 COLOR TO BE YELLOW FOR SINGLEMODE PER EIA-359-A.

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: 1000 N
- E. MAX TENSILE LOAD FOR OPERATION: 480 N
- F. MIN BEND RADIUS AT INSTALLATION LOAD: 4.5cm
- G. MIN BEND RADIUS, UNLOADED (FREE): 3.0cm
- H. CYCLIC FLEX: 7500 CYCLES
- I. IMPACT RESISTANCE: 1000 CYCLES
- J. CRUSH RESISTANCE: 750 N/cm
- K. CABLE WEIGHT: 19kg/km NOMINAL
- L. VERTICAL RISE: 1590 METERS

5. LEGEND TO BE AS SHOWN. EXAMPLE LEGEND SHOWN WITH -5 INSERTS.

- 6 MM/YY - MONTH/YEAR - EXAMPLE: 2/97
- 7 XXXX - 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 "ISO/IEC 11801 COMPLIANT" TO BE ON -5 CABLES ONLY.
- 11 CORNING SMF-28 CPC6 FIBER REQUIRED ON -6 CABLES ONLY.
- 12 SINGLEMODE CABLE IS AVAILABLE IN UP TO 2km CONTINUOUS LENGTHS.



LEGEND TO BE REPEATED EVERY METER WITH 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 #

62.5/125µm - 160/300	502983-8
NOT USED	502983-7
SINGLEMODE - SMF-28	502983-6
62.5/125µm - 200/600	502983-5
SINGLEMODE	502983-4
100/140µm - 100/100	502983-3
50/125µm - 500/500	502983-2
62.5/125µm - 160/500	502983-1
FIBER SIZE	PART NUMBER

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

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 502983 RESTRICTED TO: M

CUSTOMER DRAWING SCALE: NTS SHEET: 1 OF 1 REV: M