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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
EH		D		REV PER ECN 0A60-0012-96	08OCT96	RDT	VJD
		J		REV ECN 0A60-0074-97	24SEP97	MKB	VJD
		K		REV ECN 0A60-0117-97	13NOV97	MKB	VJD
		L		REV ECN 0A60-0036-98	25MAR98	MKB	VJD
		M		REV ECN 0A60-0190-98	03NOV98	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		
503016-1	62.5/125	MAXIMUM	3.5	1.0	n/a	160	500	62.5/125
		TYPICAL	2.9	0.9	n/a			
503016-2	50/125	MAXIMUM	3.5	1.5	n/a	500	500	50/125
		TYPICAL	2.6	1.1	n/a			
503016-3	100/140	MAXIMUM	5.0	3.0	n/a	100	100	100/140
		TYPICAL	4.5	2.5	n/a			
503016-4	SINGLEMODE	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SM
		TYPICAL	n/a	0.5	0.5			
503016-5	62.5/125 EXTENDED	MAXIMUM	3.5	1.0	n/a	200	600	62.5/125 10
		TYPICAL	2.8	0.9	n/a			
503016-6	SINGLEMODE SMF-28	MAXIMUM	n/a	0.7	0.7	n/a	n/a	SMF-28 11
		TYPICAL	n/a	0.5	0.5			
503016-8	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 COLOR - WHITE

3 CONSTRUCTION:

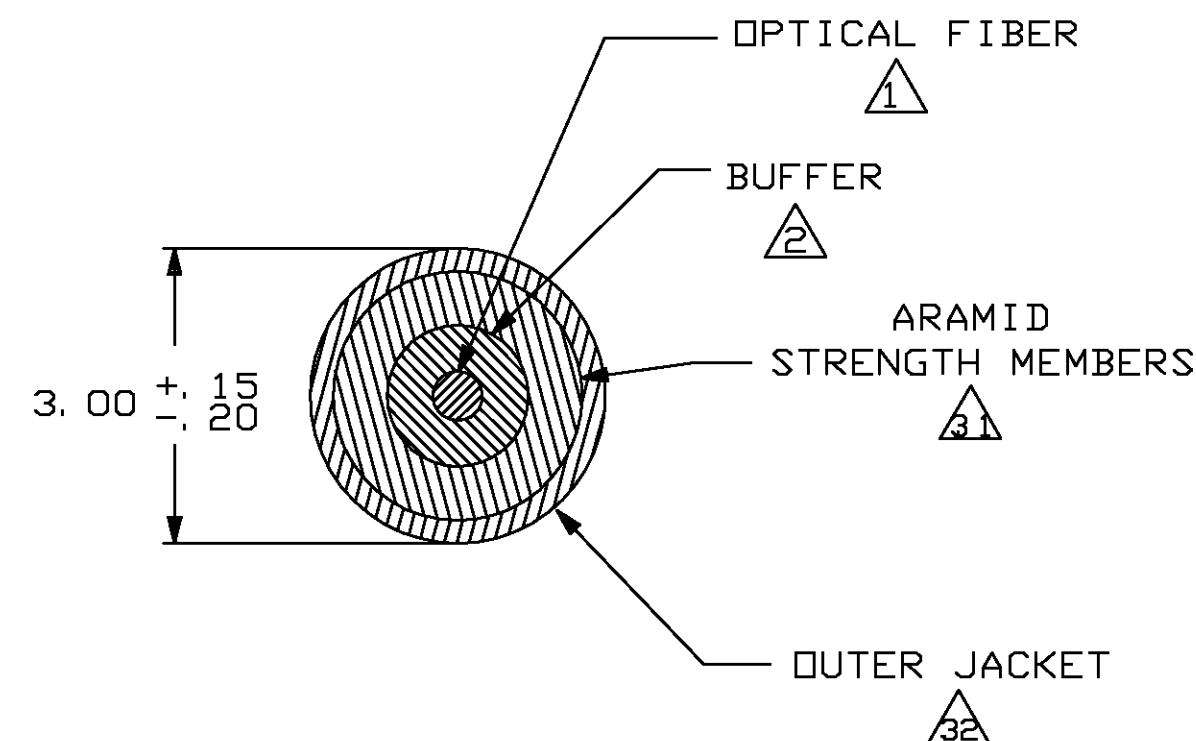
- 3.1 ARAMID YARN STRENGTH MEMBERS
- 3.2 OUTER JACKET MATERIAL TO BE FLAME RETARDANT PVC
 COLOR TO BE ORANGE FOR MULTIMODE PER EIA-359-A,
 COLOR TO BE YELLOW FOR SINGLEMODE PER EIA-359-A.

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: 500 N
- E. MAX TENSILE LOAD FOR OPERATION: 240 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: 9kg/km NOMINAL
- L. VERTICAL RISE: 1690 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.
 CLADDING: 125±1.0µm; COATING: 245±10µm
- 12 SINGLEMODE CABLE IS AVAILABLE IN UP TO 2km CONTINUOUS LENGTHS.



1 8 6 10 7
 AMP INCORPORATED OPTICAL FIBER CABLE 62.5/125 SIMPLEX EXXXXXX TYPE OFNR (UL) c(UL) MM/YY ISO/IEC 11801 COMPLIANT XXXXX METERS

LEGEND TO BE REPEATED EVERY METER WITH 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 #

62.5/125µm-160/300	503016-8
NOT USED	503016-7
SINGLEMODE SMF-28	503016-6
62.5/125µm 200/600	503016-5
SINGLEMODE	503016-4
100/140µm-100/100	503016-3
50/125µm-500/500	503016-2
62.5/125µm-160/500	503016-1
FIBER SIZE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. COLLINS 12DEC91	AMP Incorporated Harrisburg, PA 17105-3608	
DIMENSIONS: MM		CHK R. HILEMAN 12DEC91	NAME CABLE, FIBER OPTIC, SIMPLEX RISER, OPTIMATE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F. ANTONICELLI 12DEC91	PRODUCT SPEC	
0 PLC ±		APPLICATION SPEC		
1 PLC ±		SIZE A2		
2 PLC ±		CAGE CODE 00779		
3 PLC ±		DRAWING NO 503016		
4 PLC ±		RESTRICTED TO		
ANGLES ±		SCALE NTS		
FINISH		SHEET 1 OF 1		
MATERIAL 1 2 3		REV M		