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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/21/2021	S.XU

FIBER TYPE	MULTIMODE, OM1, PLENUM	
CORE DIAMETER	62.5 μm	
CLADDING DIAMETER	125 μm	
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μm	
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm	
NUMERICAL APERTURE	0.275	
PROOF TEST LEVEL	100 ksi	

WAVELENGTH:	850 nm	1310 nm
GIGABYTE ETHERNET DISTANCE	300 m	600 m
10-GIGABYTE ETHERNET DISTANCE	33 m	300 m
MAXIMUM ATTENUATION	3.5 dB/km	1.5 dB/km
MINIMUM LASER BANDWIDTH	220 MHz-km	500 MHz-km
MINIMUM LED BANDWIDTH	200 MHz-km	500 MHz-km

CABLE WEIGHT	18 kg/km (12 lbs/1000 ft)
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)

SHORT-TERM:	
MAX TENSILE LOAD	500 N (110 lbs)
MIN BEND RADIUS	5.0 cm (2.0 in)

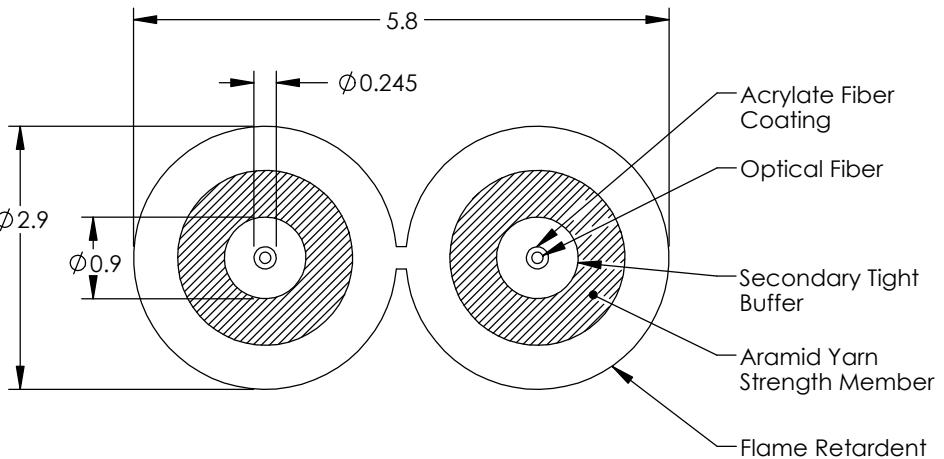
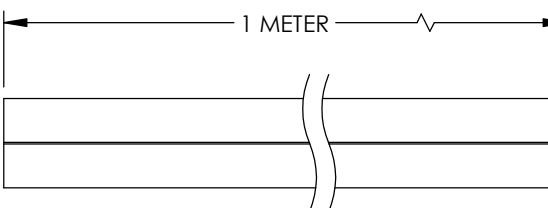
OPERATING:	
MAX TENSILE LOAD	250 N (55 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

IMPACT RESISTANCE	200 IMPACTS
CRUSH RESISTANCE	500 N/cm

OPERATING TEMPERATURE	0°C TO +70°C
STORAGE TEMPERATURE	-40°C TO +85°C
INSTALLATION TEMPERATURE	0°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNP

NOTES:

1. CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.



ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm)	APPROVALS	DATE	L-com an INFINIT brand	CATEGORY	PRODUCT DESCRIPTION	1M Interval Economy OM1 MMF 62.5/125 Duplex Fiber Cable 3.0mm OD Slate OFNP	50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0	DRAWN BY BZHANG	09/14/2021					
ALL OTHER DIMENSIONAL TOLERANCES: X = ± .2 [5] FRACTIONS XX = ± .02 [5] ± 1/32 XXX = ± .005 [.13] ANGLES ± 1°	CHECKED BY S.XU	09/14/2021					
THIRD-ANGLE PROJECTION	APPROVED BY S.XU	09/14/2021					
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY						
	COLOR VARIATIONS MAY OCCUR						
	SIZE A	CAGE CODE 43321	ITEM NO. FOB30OM1PSZV-M	REV. A			
	SCALE: NONE	CAD FILE: FOB30OM1PSZV-M.SLDDRW	SHEET 1 OF 1				