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REVISONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/22/2021	S.XU

FIBER TYPE	MULTIMODE, OM3, RISER	
CORE DIAMETER	50 μm	
CLADDING DIAMETER	125 μm	
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μm	
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm	
NUMERICAL APERTURE	0.20	
PROOF TEST LEVEL	100 ksi	

WAVELENGTH:	850 nm	1300 nm
GIGABYTE ETHERNET DISTANCE	1000 m	600 m
10-GIGABYTE ETHERNET DISTANCE	300 m	300 m
MAXIMUM ATTENUATION	3.0 dB/km	1.0 dB/km
MINIMUM LASER BANDWIDTH	2000 MHz-km	500 MHz-km
MINIMUM LED BANDWIDTH	1500 MHz-km	500 MHz-km

CABLE WEIGHT	41 kg/km (28 lbs/1000 ft)
CABLE DIAMETER	7.0 mm (0.28 in)

SHORT-TERM:	
MAX TENSILE LOAD	500 N (110 lbs)
MIN BEND RADIUS	10.5 cm (4.1 in)

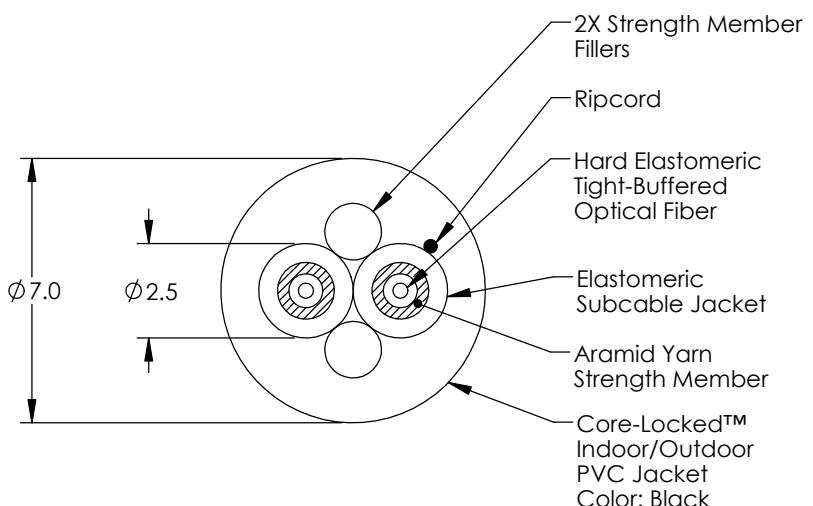
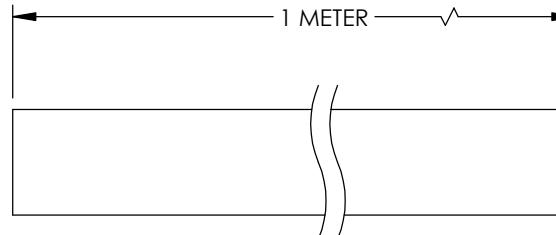
LONG-TERM:	
MAX TENSILE LOAD	250 N (55 lbs)
MIN BEND RADIUS	7 cm (2.8 in)

IMPACT RESISTANCE	1500 IMPACTS
CRUSH RESISTANCE	2200 N/cm

OPERATING TEMPERATURE	-40°C TO +85°C
STORAGE TEMPERATURE	-55°C TO +85°C
INSTALLATION TEMPERATURE	-10°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNR

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		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 B.ZHANG	09/15/2021	CHECKED BY S.XU	09/15/2021	APPROVED BY S.XU	09/15/2021	CATEGORY	FIBER OPTIC
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] .XX = ± .02 [5] .XXX = ± .005 [1.3]	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		THIRD-ANGLE PROJECTION		COLOR VARIATIONS MAY OCCUR		PRODUCT DESCRIPTION	
							SIZE A	CAGE CODE 43321
							ITEM NO. FOBIB25OM3RKB2V-M	REV. A
							SCALE: NONE	CAD FILE: fobib25om3rkb2v-m.SLDDRW
								SHEET 1 OF 1