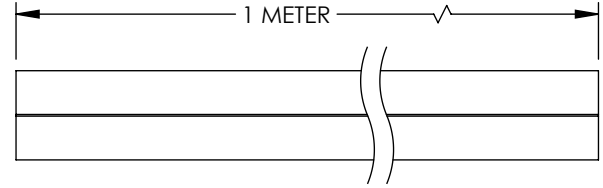


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/21/2020	PHOSPODAR

FIBER TYPE	MULTIMODE, OM3, BEND INSENSITIVE
FIBER RATING	MIL TAC
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 kpsi



WAVELENGTH:	850 nm	1310 nm
GIGABYTE ETHERNET DISTANCE	1000 m	600 m
10-GIGABYTE ETHERNET DISTANCE	300 m	300 m
MAXIMUM ATTENUATION	3.0 dB/km	1.5 dB/km
MINIMUM LASER BANDWIDTH	2000 MHz-km	500 MHz-km
MINIMUM OFL LED BANDWIDTH	1500 MHz-km	500 MHz-km

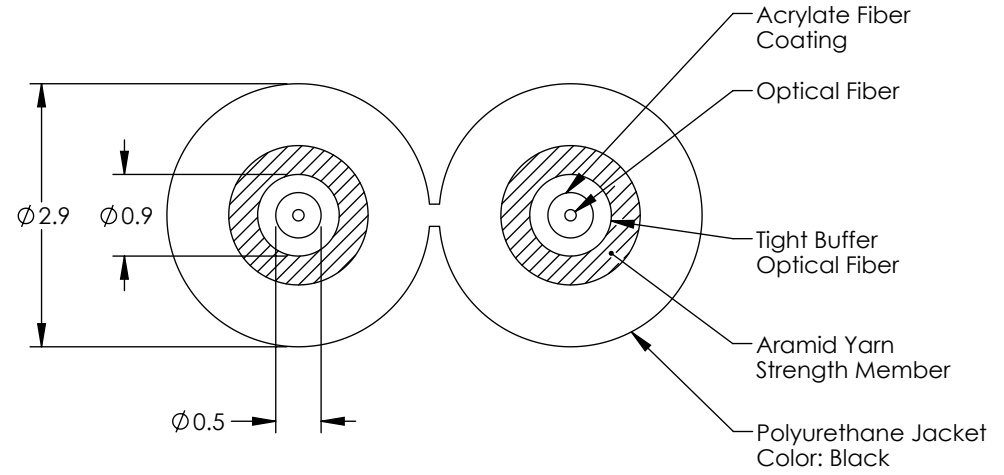
CABLE WEIGHT	12 kg/km (8.1 lbs/1000 ft)
CABLE DIAMETER	2.9 x 5.9 mm (0.11 x 0.23 in)

INSTALLATION:	
MAX TENSILE LOAD	1000 N (225 lbs)
MIN BEND RADIUS	5.0 cm (2.0 in)

OPERATING:	
MAX TENSILE LOAD	500 N (110 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

IMPACT RESISTANCE, EIA/TIA-455-25A, MIL REQ	200 IMPACTS
CRUSH RESISTANCE, EIA/TIA-455-41A, MIL REQ	440 N/cm


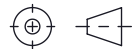
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C
INSTALLATION TEMPERATURE	-25°C TO +60°C (actual temp. of cable)



ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

NOTES:

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm)	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY DZINN	02/21/2020	
OVERALL CABLE LENGTH TOLERANCES: ≤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	CHECKED BY DFRISIELLO	02/21/2020	CATEGORY
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13]	APPROVED BY PHOSPODAR	02/21/2020	FIBER OPTIC
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION	1M Interval OM3 (50/125) Bend-Insensitive 3.0mm
	COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321
		ITEM NO. FOBBI30OM3MKZ-M	REV. A
		SCALE: NONE	CAD FILE: FOBBI30OM3MKZ-M.SLDDRW
			SHEET 1 OF 1