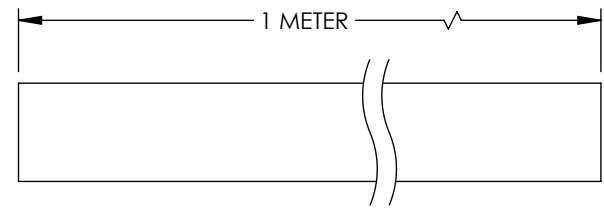


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/26/2020	PHOSPODAR

FIBER TYPE	SINGLEMODE, BEND TOLERANT, MIL TAC
CORE DIAMETER	9 μm
CLADDING DIAMETER	125 μm
PRIMARY COATING DIA. (UV CURED ACRYLATE)	500 μm
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm
NUMERICAL APERTURE	0.20
PROOF TEST LEVEL	100 kpsi



<b>WAVELENGTH:</b>	<b>1310 nm</b>	<b>1550 nm</b>
MAXIMUM ATTENUATION	0.5 dB/km	
NOMINAL ZERO DISPERSION SLOPE	0.092 ps/(nm <sup>2</sup> -km)	

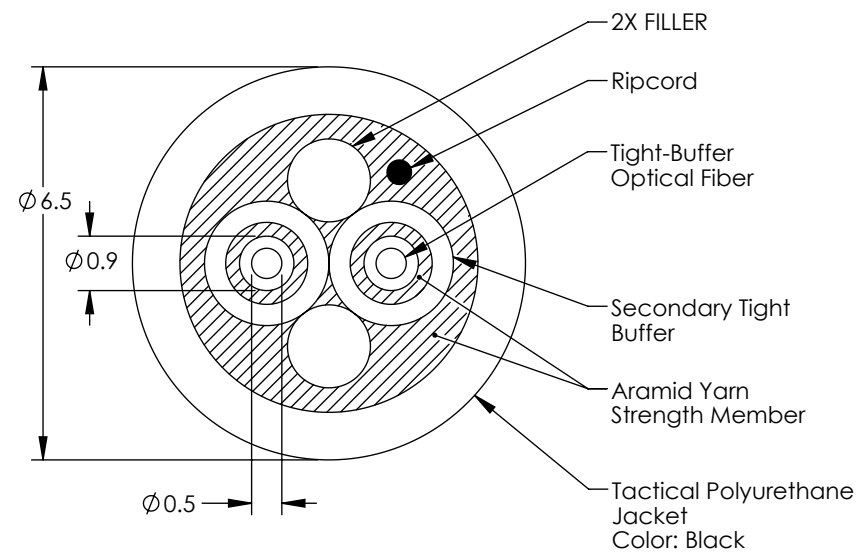
CABLE WEIGHT	36 kg/km (24 lbs/1000 ft)
CABLE DIAMETER	6.5 mm (0.26 in)

<b>INSTALLATION:</b>	
MAX TENSILE LOAD	2200 N (490 lbs)
MIN BEND RADIUS	6.5 cm (2.6 in)

<b>OPERATING:</b>	
MAX TENSILE LOAD	550 N (120 lbs)
MIN BEND RADIUS	3.3 cm (1.3 in)

IMPACT RESISTANCE, EIA/TIA-455-25A, MIL REQ	1500 IMPACTS
CRUSH RESISTANCE, EIA/TIA-455-41A, MIL REQ	2200 N/cm

OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C



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) 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 ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]   FRACTIONS ± 1/32 .XX = ± .02 [.5]   ANGLES ± 1° .XXX = ± .005 [.13]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
	DRAWN BY DZINN	02/26/2020		
	CHECKED BY DFRISIELLO	02/26/2020	CATEGORY	FIBER OPTIC
	APPROVED BY PHOSPODAR	02/26/2020	PRODUCT DESCRIPTION	1M Interval Single Mode (9/125) Low-Water-Peak 7mm
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>   CAGE CODE <b>43321</b>   ITEM NO. <b>FOB25SNGMKB2-M</b>   REV. <b>A</b> SCALE: NONE   CAD FILE: FOB25SNGMKB2-M.SLDDRW   SHEET 1 OF 1	