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

FIBER TYPE	BREAKOUT SINGLEMODE, RISER
CORE DIAMETER	9 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:	1310 nm	1550 nm
MAXIMUM ATTENUATION	0.5 dB/km	
NOMINAL ZERO DISPERSION SLOPE	0.092 ps/(nm <sup>2</sup> -km)	

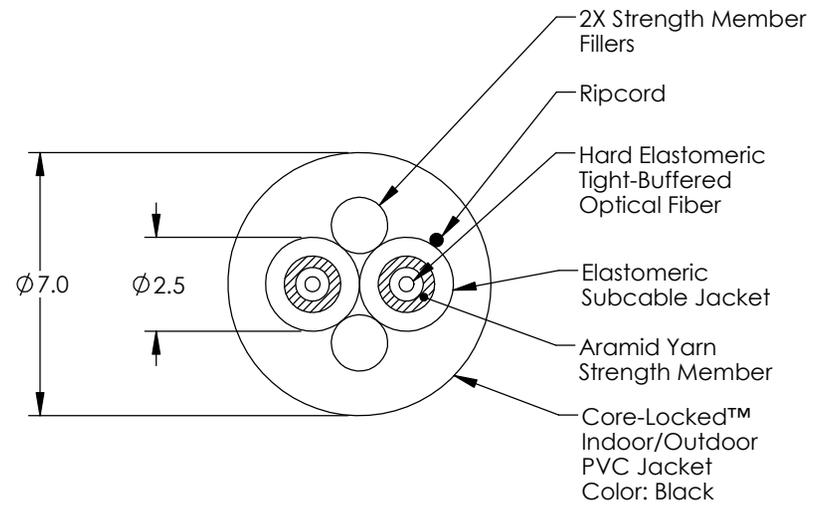
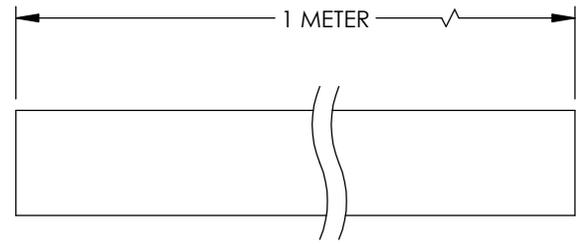
CABLE WEIGHT	41 kg/km (28 lbs/1000 ft)
CABLE DIAMETER	7.0 mm (0.28 in)

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

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

IMPACT RESISTANCE	1500 IMPACTS
CRUSH RESISTANCE	2200 N/cm

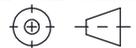
OPERATING TEMPERATURE	-40°C TO +85°C
STORAGE TEMPERATURE	-55°C TO +85°C
INSTALLATION TEMPERATURE	-10°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNR



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 [1.3]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY BZHANG	09/14/2021	
	CHECKED BY S.XU	09/14/2021	
	APPROVED BY S.XU	09/14/2021	
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR		CATEGORY <b>FIBER OPTIC</b>
	SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. <b>FOB25SNGRKB2V-M</b>
SCALE: NONE		CAD FILE: FOB25SNGRKB2V-M.SLDDRW	SHEET 1 OF 1