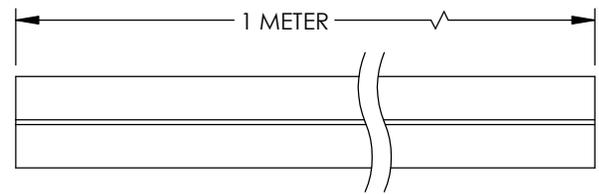


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/22/2021	S.XU

FIBER TYPE	SINGLEMODE, BEND TOLERANT, PLENUM	
CORE DIAMETER	9 μm	
CLADDING DIAMETER	125 μm	
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μm	
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm	
PROOF TEST LEVEL	100 kpsi	



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

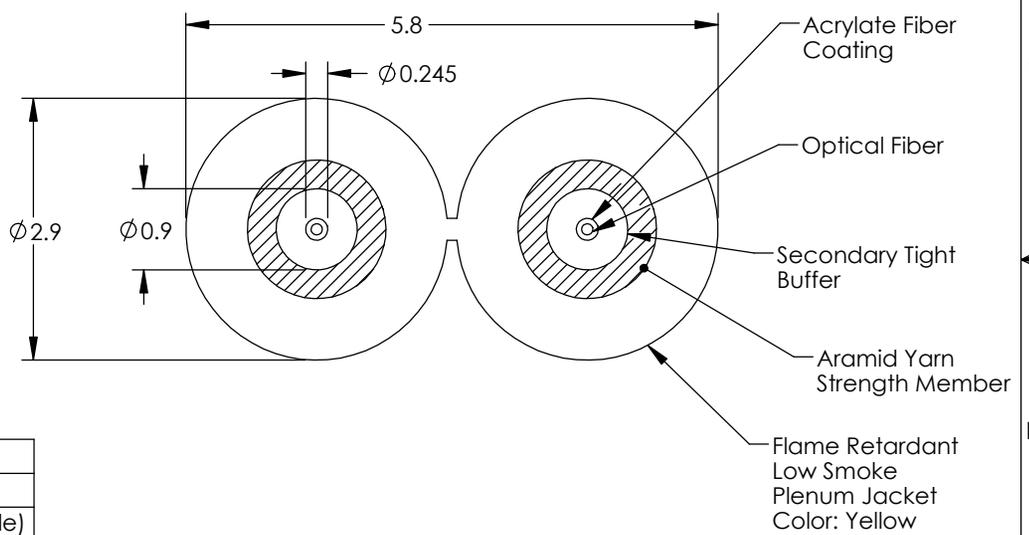
CABLE WEIGHT	18 kg/km (12 lbs/1000 ft)	
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)	

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

LONG-TERM:	
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

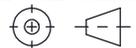
OPERATING TEMPERATURE	-20°C TO +85°C
STORAGE TEMPERATURE	-40°C TO +85°C
INSTALLATION TEMPERATURE	0°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNP



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 BZHANG	09/15/2021	
	CHECKED BY S.XU	09/15/2021	
	APPROVED BY S.XU	09/15/2021	
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION	FIBER OPTIC 1M Interval Economy SMF 9/125 Duplex Fiber Cable 3.0mm OD Bend-Insensitive Yellow OFNP
	COLOR VARIATIONS MAY OCCUR	SIZE A	
		CAGE CODE 43321	
		ITEM NO. FOBBI30SNGPYZV-M	REV. A
		SCALE: NONE	SHEET 1 OF 1