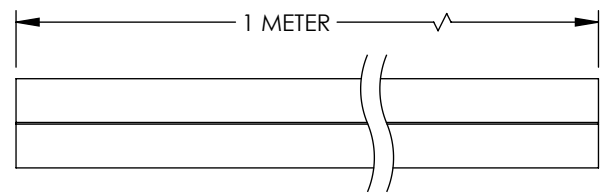


8 7 6 5 4 3 2 1

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/24/2020	PHOSPODAR

FIBER TYPE	SINGLEMODE, LOW WATER PEAK, MIL TAC	
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	3.5 dB/km	1.5 dB/km
NOMINAL ZERO DISPERSION SLOPE	0.092 ps/(nm ² -km)	

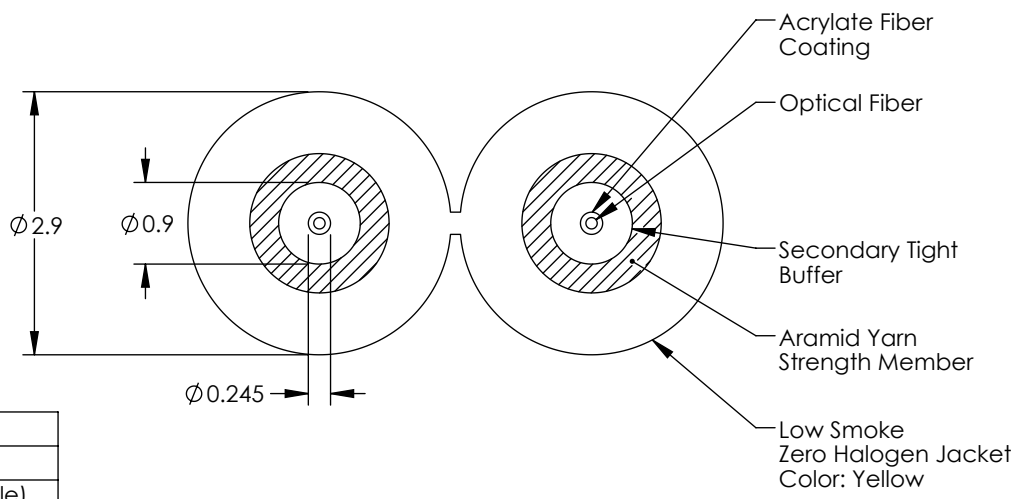
CABLE WEIGHT	16 kg/km (11 lbs/1000 ft)	
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)	

INSTALLATION:	
MAX TENSILE LOAD	1000 N (220 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)


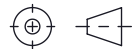
IMPACT RESISTANCE	1000 IMPACTS
CRUSH RESISTANCE	750 N/cm

OPERATING TEMPERATURE	-20°C TO +70°C
STORAGE TEMPERATURE	-40°C TO +70°C
INSTALLATION TEMPERATURE	0°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNR-LS
ZERO HALOGEN	IEC 60754-2
SMOKE GENERATION	IEC 61034-2



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	02/24/2020	
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	CHECKED BY DFRISIELLO	02/24/2020	CATEGORY FIBER OPTIC
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [13]	APPROVED BY PHOSPODAR	02/24/2020	
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION 1M Interval Single Mode (9/125) Low-Water-Peak	
	COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321
		ITEM NO. FOB30SNGZYZ-M	REV. A
		SCALE: NONE	CAD FILE: FOB30SNGZYZ-M.SLDDRW
		SHEET 1 OF 1	