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

FIBER TYPE	SINGLEMODE, LOW WATER PEAK, 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	

<b>WAVELENGTH:</b>	<b>1310 nm</b>	<b>1550 nm</b>
MAXIMUM ATTENUATION	0.5 dB/km	

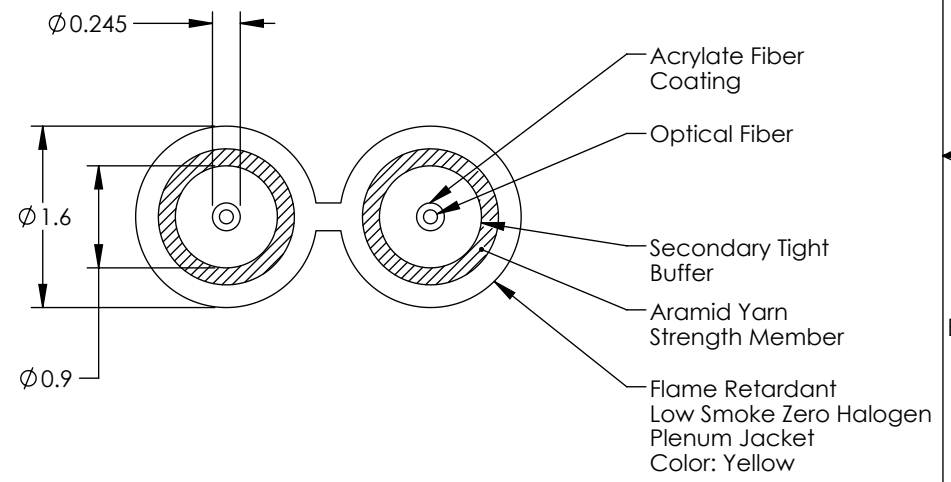
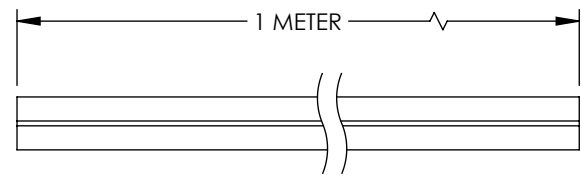
CABLE WEIGHT	7 kg/km (5 lbs/1000 ft)
CABLE DIAMETER	1.6 x 3.5 mm (0.063 x 0.138 in)

<b>INSTALLATION:</b>	
MAX TENSILE LOAD	450 N (100 lbs)
MIN BEND RADIUS	3.8 cm (1.5 in)

<b>OPERATING:</b>	
MAX TENSILE LOAD	167 N (38 lbs)
MIN BEND RADIUS	2.5 cm (1.0 in)

IMPACT RESISTANCE	200 IMPACTS
CRUSH RESISTANCE	500 N/cm

OPERATING TEMPERATURE	-40°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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]	
OVERALL CABLE LENGTH TOLERANCE:	$\leq 12$ [305] = +1 [25] / -0 $> 12$ [305] $\leq 60$ [1524] = +2 [51] / -0 $> 60$ [1524] $\leq 120$ [3048] = +4 [102] / -0 $> 120$ [3048] $\leq 300$ [7620] = +6 [152] / -0 $> 300$ [7620] = +5% / -0
ALL OTHER DIMENSIONAL TOLERANCES:	.X = $\pm .2$ [5]   FRACTIONS $\pm 1/32$ .XX = $\pm .02$ [.5]   ANGLES $\pm 1^\circ$ .XXX = $\pm .005$ [.13]
THIRD-ANGLE PROJECTION	

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	
APPROVED BY PHOSPODAR	02/26/2020	
CATEGORY		FIBER OPTIC
PRODUCT DESCRIPTION		1M Interval Single Mode (9/125) Low-Water-Peak
SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. FOB16SNGZYZ-M
SCALE: NONE		CAD FILE: FOB16SNGZYZ-M.SLDRW
		SHEET 1 OF 1