

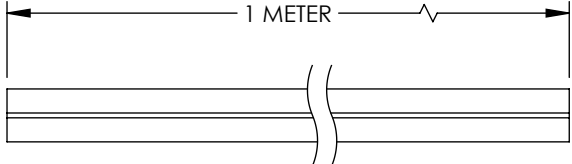
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/26/2020	PHOSPODAR

FIBER TYPE	SINGLEMODE, LOW WATER PEAK, ITU-T G.657.A1	
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	0.275	
PROOF TEST LEVEL	100 kpsi	

<b>WAVELENGTH:</b>	<b>1310 nm</b>	<b>1550 nm</b>
GIGABYTE ETHERNET DISTANCE	5 km	10 km
MAXIMUM ATTENUATION	0.5 dB/km	0.5 dB/km



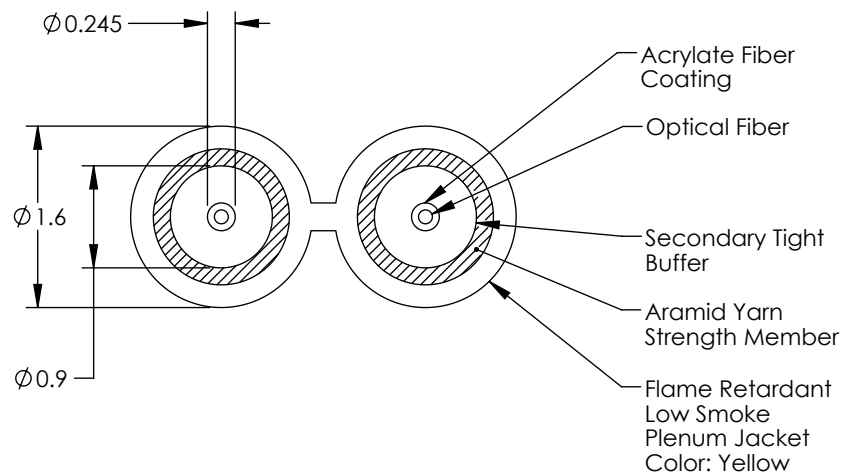
CABLE WEIGHT	7 kg/km (5 lbs/1000 ft)
CABLE DIAMETER	1.6 x 3.5 mm (0.063 x 0.138 in)

<b>INSTALLATION:</b>	
MAX TENSILE LOAD	450 N (101 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	150 IMPACTS
CRUSH RESISTANCE	500 N/cm

OPERATING TEMPERATURE	0°C TO +70°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]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
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	DRAWN BY DZINN	02/26/2020	
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]   FRACTIONS ± 1/32 .XX = ± .02 [5]   ANGLES ± 1° .XXX = ± .005 [1.3]	CHECKED BY DFRISIELLO	02/26/2020	
THIRD-ANGLE PROJECTION	APPROVED BY PHOSPODAR	02/26/2020	

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY  COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION <b>1M Interval Single Mode (9/125) Low-Water-Peak</b>	SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. <b>FOB16OM1PSZ-M</b>	REV. <b>A</b>
SCALE: NONE		CAD FILE: fob16sngpyz-m.SLDRW		SHEET 1 OF 1	