

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	02/26/2020	PHOSPODAR

FIBER TYPE	MULTIMODE, OM1, PLENUM
CORE DIAMETER	62.5 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

WAVELENGTH:	850 nm	1310 nm
GIGABYTE ETHERNET DISTANCE	300 m	600 m
MAXIMUM ATTENUATION	3.5 dB/km	1.5 dB/km
MINIMUM LASER BANDWIDTH	220 MHz-km	500 MHz-km
MINIMUM LED BANDWIDTH	200 MHz-km	1000 MHz-km

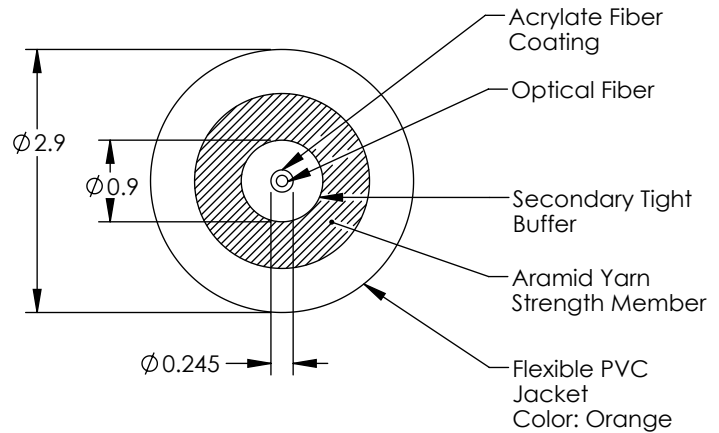
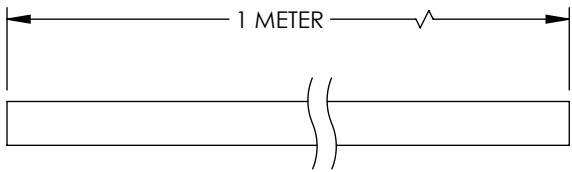
CABLE WEIGHT	8 kg/km (5 lbs/1000 ft)
CABLE DIAMETER	2.9 (0.11 in)

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

OPERATING:	
MAX TENSILE LOAD	300 N (70 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

IMPACT RESISTANCE	1000 IMPACTS
CRUSH RESISTANCE	750 N/cm


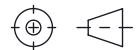
OPERATING TEMPERATURE	-40°C TO +85°C
STORAGE TEMPERATURE	-55°C TO +85°C
INSTALLATION TEMPERATURE	-10°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNP



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 DZINN	02/26/2020				
	CHECKED BY DFRISIELLO	02/26/2020				
	APPROVED BY PHOSPODAR	02/26/2020				
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION	CATEGORY FIBER OPTIC PRODUCT DESCRIPTION 1M Interval OM1 (62.5/125) 3.0mm Simplex			
	COLOR VARIATIONS MAY OCCUR	SIZE A		CAGE CODE 43321	ITEM NO. FOB30OM1POS-M	REV. A
SCALE: NONE		CAD FILE: FOB30OM1POS-M.SLDDRW		SHEET 1 OF 1		