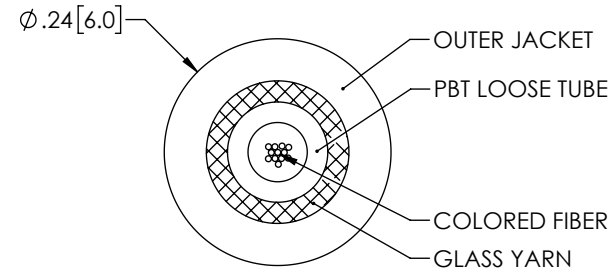


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/14/22	PHOSPODAR

FIBER COUNT		12
FIBER TYPE		SINGLE MODE
CORE DIAMETER (µm)		9
CLADDING DIAMETER (µm)		125
CABLE	OD (mm)	6.0 ± 0.3
	MATERIAL	LSZH
	COLOR	BLACK
PBT LOOSE TUBE	OD (mm)	3.1 ± 0.1
MAX TENSILE STRENGTH (N)	SHORT-TERM	1000
	LONG-TERM	400
MAX CRUSH RESISTANCE (N/100mm)	SHORT-TERM	800
	LONG-TERM	300
STRENGTH MEMBERS		GLASS YARN
ATTENUATION	dB/kM	1310nm ≤ 0.4
		1550nm ≤ 0.3
DISPERSION	Ps/nm.km	1285-1330nm ≤ 3.5
		1550nm ≤ 18.0
ZERO DISPERSION WAVELENGTH	Nm	1300-1324
ZERO DISPERSION SLOPE	Ps/nm.km	≤ 0.095
FIBER CUTOFF WAVELENGTH	Nm	≤ 1260
PROOF TEST	kpsi	≥ 100




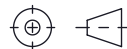
DRAWING NOT TO SCALE

**NOTES:**

- BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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 HBAKKE	7/13/22	
THIRD-ANGLE PROJECTION 	CHECKED BY DFRISIELLO	7/15/22	CATEGORY <b>FIBER OPTIC</b>
	APPROVED BY PHOSPODAR	7/18/22	PRODUCT DESCRIPTION Indoor/Outdoor Cable, 9/125 SM G657A1, 12 Fiber, LSZH Jacket, 6mm OD, Per Meter
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		
	COLOR VARIATIONS MAY OCCUR		
	SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. FOB-IO-SM12F6DZ-M
	SCALE: NONE	CAD FILE: FOB-IO-SM12F6DZ-M.SLDDRW	SHEET 1 OF 1