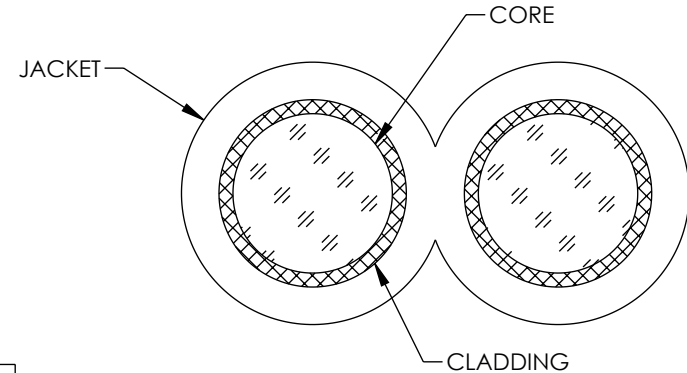


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	06/06/2023	DFRISIELLO	PHOSPODAR

STRUCTURE:	VALUE:
CORE DIAMETER	980 μm (NOM.)
CORE MATERIAL	POLYMETHYL METHACRYLATE RESIN (PMMA)
CLADDING DIAMETER	1,000 μm (NOM.)
CLADDING MATERIAL	FLUORINATED POLYMER
JACKET DIAMETER	2.20 mm X 4.30 mm (NOM.)
JACKET MATERIAL, COLOR	POLYETHYLENE, BLACK
INDICATION ON JACKET	BLUE LINE
CORE REFRACTIVE INDEX	1.49
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMERICAL APERTURE	0.5




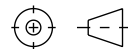
(DRAWING NOT TO SCALE)

PERFORMANCE:			VALUE
OPERATION TEMPERATURE			-55°C ~ 70°C
OPERATION TEMPERATURE WITH HUMIDITY			60°C MAX.
OPTICAL PROPERTIES	TRANSMISSION LOSS (650nm COLLIMATED LIGHT)	25°C @50%RH	190dB/km MAX.
		OPERATING TEMP.	210dB/km MAX.
MECHANICAL CHARACTERISTICS	MINIMUM BEND RADIUS	LOSS INCREMENT ≤ 0.5dB	25mm MIN.
	REPEATED BEND ENDURANCE	LOSS INCREMENT ≤ 1dB	10,000 MIN.
	TENSILE STRENGTH	TENSILE PERFORMANCE TEST EQUIPMENT	140N MIN.
	TWISTING ENDURANCE	LOSS INCREMENT ≤ 1dB (TENSILE FORCE: 4.9N)	2 MIN.
	IMPACT ENDURANCE	LOSS INCREMENT ≤ 1dB (JIS C 6861)	0.4N*m (MIN.)

ITEM NUMBER	LENGTH, METERS [FEET]
LCSH4002-25M	25.0 [82.03]
LCSH4002-50M	50.0 [164.05]
LCSH4002-100M	100.0 [328.10]

NOTES:

- BULK FIBER 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 [1.3]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY DFRISIELLO	06/01/2023	
	APPROVED BY PHOSPODAR	06/01/2023	CATEGORY FIBER OPTIC
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION Mitsubishi ESKA® SH4002, 1x2.2mm Cable, POF Duplex
	SIZE A	CAGE CODE 43321	ITEM NO. LCSH4002
	SCALE: NONE	CAD FILE: LCSH4002.SLDDRW	SHEET 1 OF 1