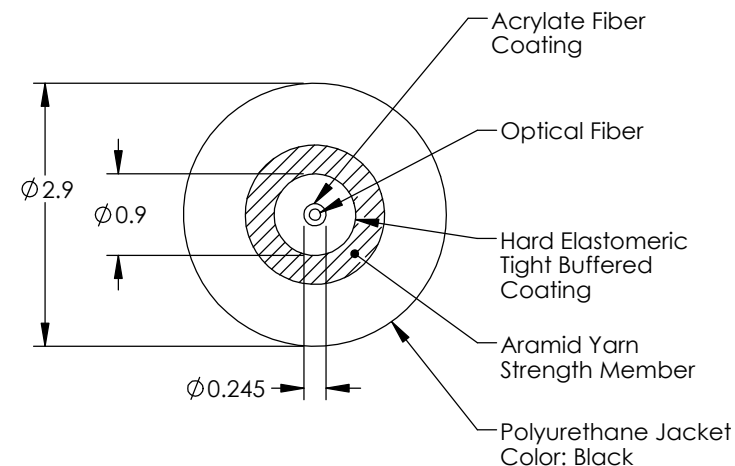
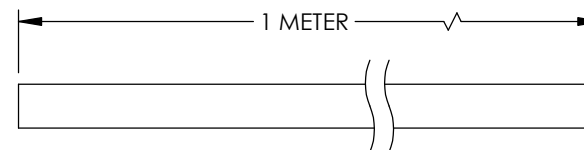


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FIBER TYPE	MULTIMODE, OM2, MIL TAC
CORE DIAMETER	50 μm
CLADDING DIAMETER	125 μm
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μm
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm
NUMERICAL APERTURE	0.20
PROOF TEST LEVEL	100 kpsi
WAVELENGTH:	850 nm 1310 nm
MAXIMUM ATTENUATION	3.5 dB/km 1.5 dB/km
BANDWIDTH	500 MHz-km 500 MHz-km
CABLE WEIGHT	8 kg/km (5 lbs/1000 ft)
CABLE DIAMETER	2.9 mm (0.11 in)
SHORT-TERM:	
MAX TENSILE LOAD	300 N (70 lbs)
MIN BEND RADIUS	4.8 cm (2.0 in)
LONG-TERM:	
MAX TENSILE LOAD	150 N (35 lbs)
MIN BEND RADIUS	2.4 cm (1.0 in)
IMPACT RESISTANCE, EIA/TIA-455-25, MIL REQ	200 IMPACTS
CRUSH RESISTANCE, EIA/TIA-455-41, MIL REQ	440 N/cm
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C



NOTES:

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/22/2021	S.XU



ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]		APPROVALS	DATE	<div>an INFINITI® brand</div> <div>50 High Street, West Mill, North Andover, MA 01845 USA Phone: 1.800.341.5266 1.978.682.6936</div>			
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 BZHANG	09/14/2021	CATEGORY FIBER OPTIC			
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13]		CHECKED BY S.XU	09/14/2021				
		APPROVED BY S.XU	09/14/2021				
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION 1M Interval Economy OM2 MMF 50/125 Simplex Fiber Cable 3.0mm OD Black Tactical Usage					
THIRD-ANGLE PROJECTION 		COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 43321	ITEM NO. FOB30OM2TKSV-M	REV. A
				SCALE: NONE		CAD FILE: fob30om2tksv-m.SLDDRW	SHEET 1 OF 1