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FIBER TYPE	SINGLEMODE, MIL TAC	
CORE DIAMETER	9 μm	
CLADDING DIAMETER	125 μm	
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μm	
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μm	
PROOF TEST LEVEL	100 kpsi	

WAVELENGTH:	1310 nm	1550 nm
MAXIMUM ATTENUATION	0.5 dB/km	0.5 dB/km
NOMINAL ZERO DISPERSION SLOPE	0.092 ps/(nm ² ·km)	

CABLE WEIGHT	16 kg/km (11 lbs/1000 ft)	
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)	

C	SHORT-TERM:	
	MAX TENSILE LOAD	500 N (110 lbs)
	MIN BEND RADIUS	5.0 cm (2.0 in)

LONG-TERM:	
MAX TENSILE LOAD	250 N (55 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

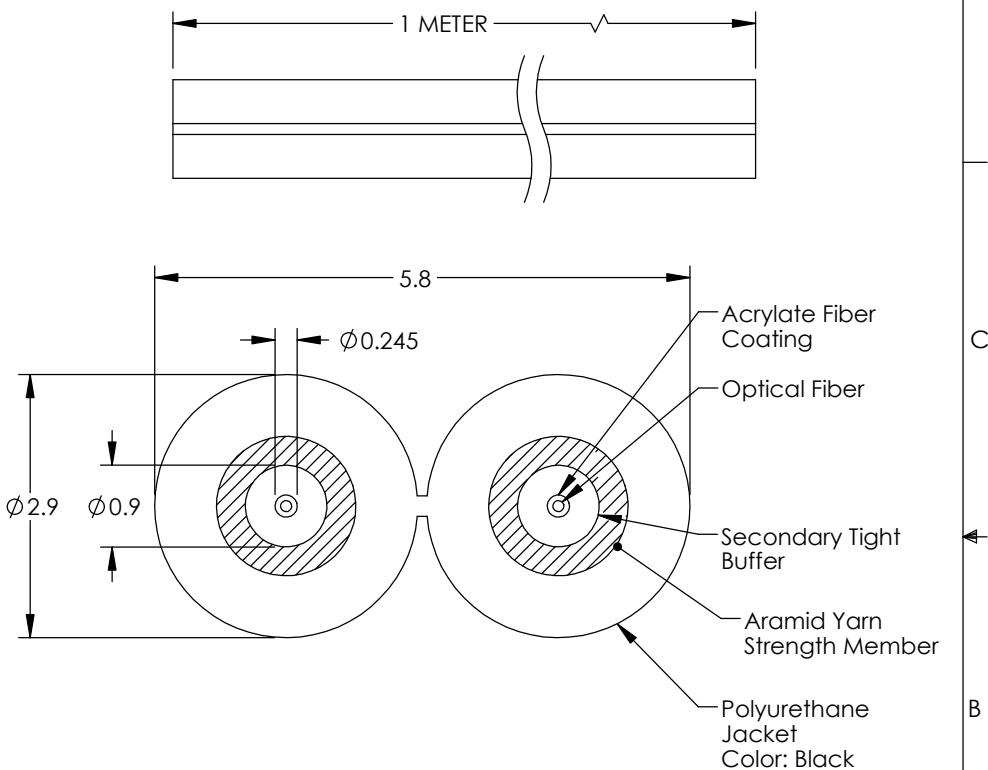
IMPACT RESISTANCE, EIA/TIA-455-25, MIL REQ	200 IMPACTS
CRUSH RESISTANCE, EIA/TIA-455-41, MIL REQ	440 N/cm

OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

A 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	L-com an INFINIT brand	CATEGORY	PRODUCT DESCRIPTION
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			
ALL OTHER DIMENSIONAL TOLERANCES: X = ± .2 [5] XX = ± .02 [5] XXX = ± .005 [.13]	FRACTIONS ± 1/32 ANGLES ± 1°	CHECKED BY S.XU	09/14/2021	APPROVED BY S.XU	09/14/2021
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	THIRD-ANGLE PROJECTION	COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 43321
				ITEM NO. FOB30SNGTKZV-M	REV. A
SCALE: NONE	CAD FILE: FOB30SNGTKZV-M.SLDDRW	SHEET 1 OF 1			