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FIBER TYPE	MULTIMODE, OM3, BEND INSENSITIVE
FIBER RATING	MIL TAC
CORE DIAMETER	50 μ m
CLADDING DIAMETER	125 μ m
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μ m
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μ m
NUMERICAL APERTURE	0.20
PROOF TEST LEVEL	100 kpsi

WAVELENGTH:	850 nm	1310 nm
GIGABYTE ETHERNET DISTANCE	1000 m	600 m
10-GIGABYTE ETHERNET DISTANCE	300 m	300 m
MAXIMUM ATTENUATION	3.0 dB/km	1.5 dB/km
MINIMUM LASER BANDWIDTH	2000 MHz-km	500 MHz-km
MINIMUM OFL LED BANDWIDTH	1500 MHz-km	500 MHz-km

CABLE WEIGHT	12 kg/km (8.1 lbs/1000 ft)
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)

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)

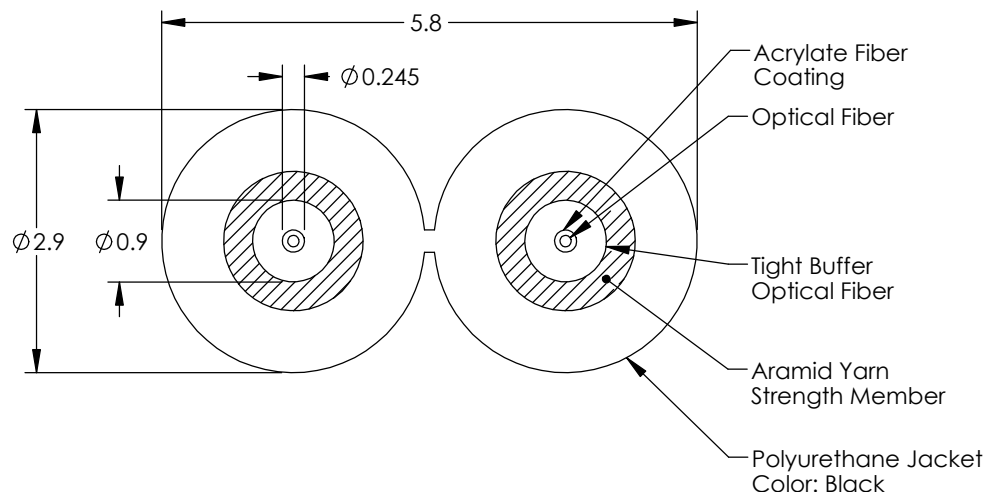
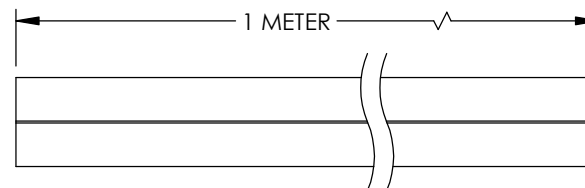
IMPACT RESISTANCE, EIA/TIA-455-25A, MIL REQ	200 IMPACTS
CRUSH RESISTANCE, EIA/TIA-455-41A, MIL REQ	440 N/cm

OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C
INSTALLATION TEMPERATURE	-25°C TO +60°C (actual temp. of cable)

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

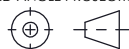
UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES [mm]

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 = $\pm .2$ [5]	FRACTIONS
.XX = $\pm .02$ [.5]	$\pm 1/32$
.XXX = $\pm .005$ [.13]	ANGLES $\pm 1^\circ$

THIRD-ANGLE PROJECTION



APPROVALS	DATE	 50 High Street, West Mill. North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
DRAWN BY BZHANG	09/15/2021		
CHECKED BY S.XU	09/15/2021	CATEGORY	FIBER OPTIC
APPROVED BY S.XU	09/15/2021		
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION 1M Interval Economy OM3 MMF 50/125 Duplex Fiber Cable 3.0mm OD Bend-Insensitive Black Tactical Usage	
COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321	ITEM NO. FOBBI30OM3MKZV-M
	SCALE: NONE		CAD FILE: fobbi30om3mkzv-m.SLDDRW SHEET 1 OF 1