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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/19/2021	S.XU

FIBER TYPE	BREAKOUT MULTIMODE, OM1, RISER
CORE DIAMETER	62.5 µm
CLADDING DIAMETER	125 µm
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 µm
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 µm
NUMERICAL APERTURE	0.275
PROOF TEST LEVEL	100 kpsi

WAVELENGTH:	850 nm	1300 nm
MAXIMUM ATTENUATION	3.0 dB/km	1.0 dB/km
BANDWIDTH	200 MHz-km	500 MHz-km

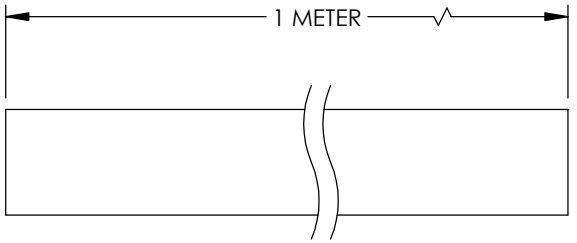
CABLE WEIGHT	50 kg/km (34 lbs/1000 ft)
CABLE DIAMETER	7.0 mm (0.28 in)

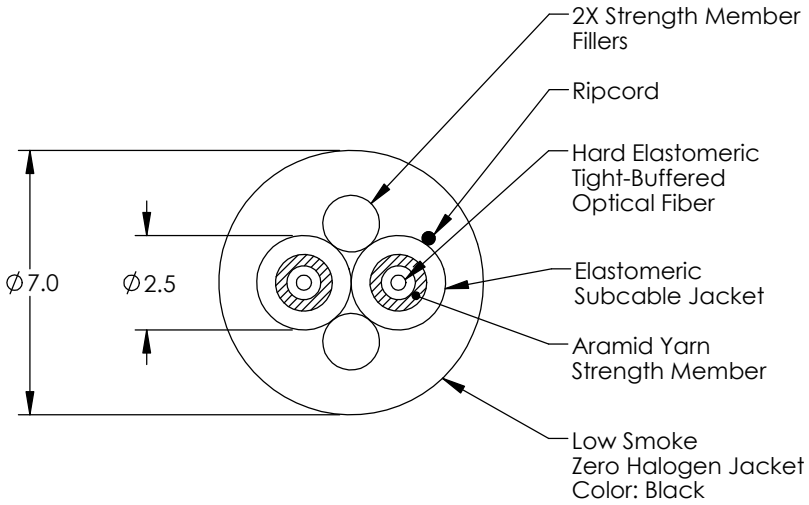
SHORT-TERM:	
MAX TENSILE LOAD	500 N (110 lbs)
MIN BEND RADIUS	10.5 cm (4.1 in)

LONG-TERM:	
MAX TENSILE LOAD	250 N (55 lbs)
MIN BEND RADIUS	7 cm (2.8 in)

IMPACT RESISTANCE	1500 IMPACTS
CRUSH RESISTANCE	2200 N/cm

OPERATING TEMPERATURE	-40°C TO +85°C
STORAGE TEMPERATURE	-55°C TO +85°C
FLAME RETARDANCY	LSZH





ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

NOTES:

1. CABLE 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] | .XX = ± .02 [.5] | .XXX = ± .005 [.13]
FRACTIONS ± 1/32 | ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY BZHANG	09/14/2021
CHECKED BY S.XU	09/14/2021
APPROVED BY S.XU	09/14/2021

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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CATEGORY
FIBER OPTIC

PRODUCT DESCRIPTION
1M Interval Economy OM1 MMF 62.5/125 2-Count Breakout Fiber Cable 2.5mm OD Black LSZH

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	FOB25OM1ZKB2V-M	A

SCALE: NONE | CAD FILE: FOB25OM1ZKB2V-M.SLDDRW | SHEET 1 OF 1

T-Rev.D