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

FIBER TYPE	SINGLEMODE, BEND TOLERANT, PLENUM
CORE DIAMETER	9 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:	1310 nm	1550 nm
MAXIMUM ATTENUATION	0.5 dB/km	0.5 dB/km
NOMINAL ZERO DISPERSION SLOPE	0.092 ps/(nm^2-km)	

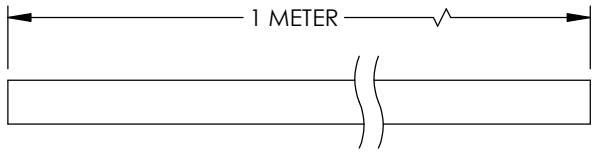
CABLE WEIGHT	9 kg/km (6 lbs/1000 ft
CABLE DIAMETER	2.9 mm (0.1 in)

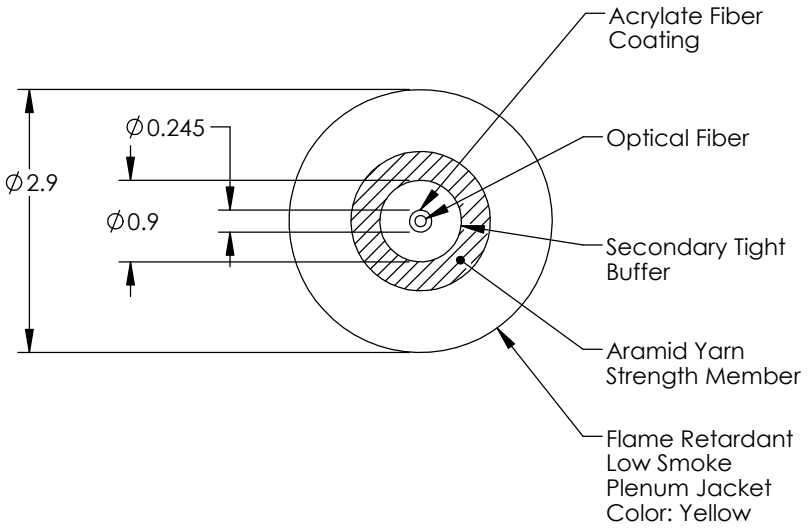
SHORT-TERM:	
MAX TENSILE LOAD	300 N (70 lbs)
MIN BEND RADIUS	5.0 cm (2.0 in)

LONG-TERM:	
MAX TENSILE LOAD	150 N (35 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

IMPACT RESISTANCE	200 IMPACTS
CRUSH RESISTANCE	500 N/cm

OPERATING TEMPERATURE	0°C TO +70°C
STORAGE TEMPERATURE	-40°C TO +85°C
INSTALLATION TEMPERATURE	0°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNP





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	09/15/2021
CHECKED BY S.XU	09/15/2021
APPROVED BY S.XU	09/15/2021

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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CATEGORY
FIBER OPTIC

PRODUCT DESCRIPTION
1M Interval Economy SMF 9/125 Simplex Fiber Cable
3.0mm OD Bend-Insensitive Yellow OFNP

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	FOBBI30SNGPYSV-M	A

SCALE: NONE | CAD FILE: fobbi30sngpysv-m.SLDDRW | SHEET 1 OF 1

T-Rev.D