REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/18/2022	PHOSPODAR

FIBER TYPE	MULTIMODE, OM1, DUPLEX, RISER
CORE DIAMETER	62.5 µm
CLADDING DIAMETER	125 µm
BUFFER	0.87 ±0.05

WAVELENGTH:	850/1300nm FIBER TYPE	850/1300nm MAXIMUM
ATTENUATION	3.0/1.0 dB/km	3.5/1.5 dB/km
OFL BANDWIDTH (MHz.km)	≥200/500	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	150
LONG TERM	70

MIN. BEND RADIUS (mm)	
DYNAMIC	20X DIA.
STATIC	10X DIA.

MAX. CRUSH RESISTANCE (N/100mm)	
SHORT TERM	300
LONG TERM	100

⌀2.0 ⌀0.9 4.1

Optical Fiber
Buffer
Aramid Yarn Strength Member
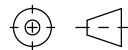Riser Rated Jacket Color: Orange
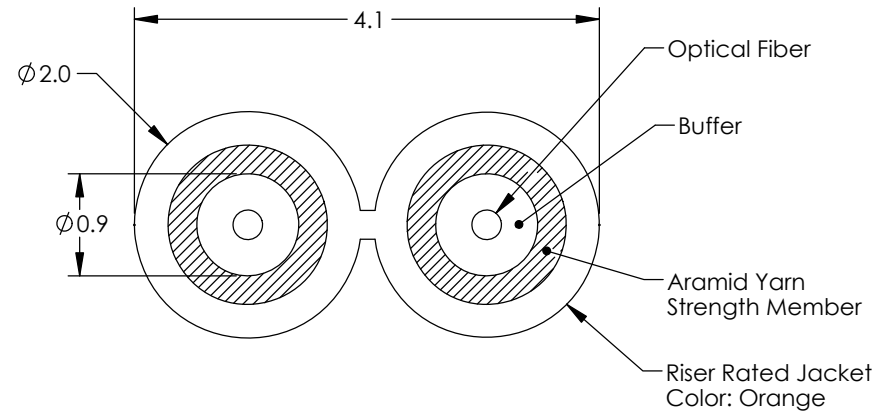
ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

NOTES:

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

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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 DFRISIELLO	05/18/2022
CHECKED BY DZINN	05/18/2022
APPROVED BY PHOSPODAR	05/18/2022

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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CATEGORY: FIBER OPTIC

PRODUCT DESCRIPTION: Round Duplex Optical Cable, 62.5/125 OM1, Riser Rated, 2.0mm

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	FOB-2F2DM1R-M	A

SCALE: NONE | CAD FILE: FOB-2F2DM1R-M.SLDDRW | SHEET 1 OF 1

T-Rev.D