REVISIONS

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

FIBER TYPE	MULTIMODE, OM3, DUPLEX, RISER
CORE DIAMETER	50 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)	≥1500/500	
EFFECTIVE MODER (MHz.km) (850nm)	≥2000	
10G ETHERNET SX (M) (850nm)	≤300	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	200
LONG TERM	100

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

MAX. CRUSH RESISTANCE (N/100mm)	
SHORT TERM	500
LONG TERM	100

$\varnothing 3.0$

5.8

$\varnothing 0.9$

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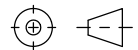- Riser Rated Jacket Color: Aqua
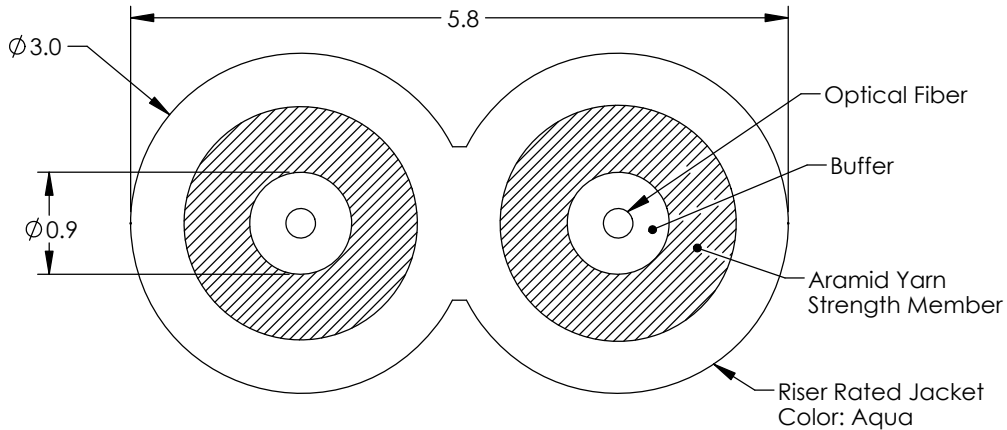
ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

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]	APPROVALS	DATE
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 DFRISIELLO	05/18/2022
	CHECKED BY DZINN	05/18/2022
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS .XX = ± .02 [.5] ± 1/32 .XXX = ± .005 [.13] ANGLES ± 1°	APPROVED BY PHOSPODAR	05/18/2022

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CATEGORY: FIBER OPTIC

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

PRODUCT DESCRIPTION
Round Duplex Optical Cable, 50/125 10GB OM3, Riser Rated, 3.0mm

THIRD-ANGLE PROJECTION

COLOR VARIATIONS MAY OCCUR

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	FOB-2F3DM3R-M	A

| SCALE: NONE | CAD FILE: FOB-2F3DM3R-M.SLDDRW | SHEET 1 OF 1 |

T-Rev.D