

6

5

4

3

2

1

## LENGTH

## OPTICAL SPECIFICATION

## REVISION

LENGTH (L) METER [FEET]	TOLERANCE MM [INCHES]
5 [16.40]	+50/-0 [+1.97/0]
10 [32.81]	+100/-0 [+3.94/0]
20 [65.62]	+1%*L/-0
30 [98.43]	+1%*L/-0

FIBER TYPE	MULTIMODE
CONNECTOR TYPE	IP-MPO/UPC
INSERTION LOSS	≤ 0.5dB
RETURN LOSS	≥ 25dB
TEST WAVE LENGTH	850 & 1550nm

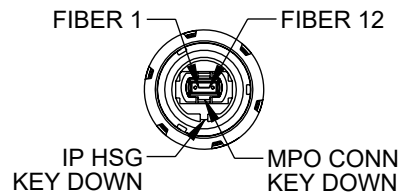
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13297	02/08/2024	DZINN	PHOSPODAR

F

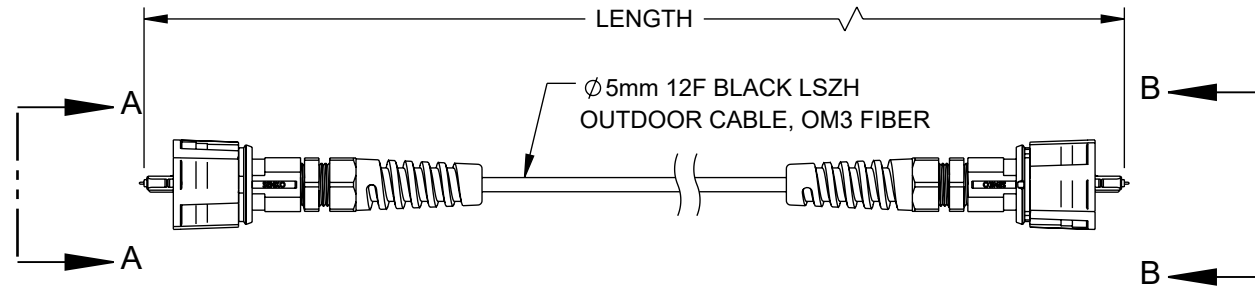
F

E

E



VIEW A-A

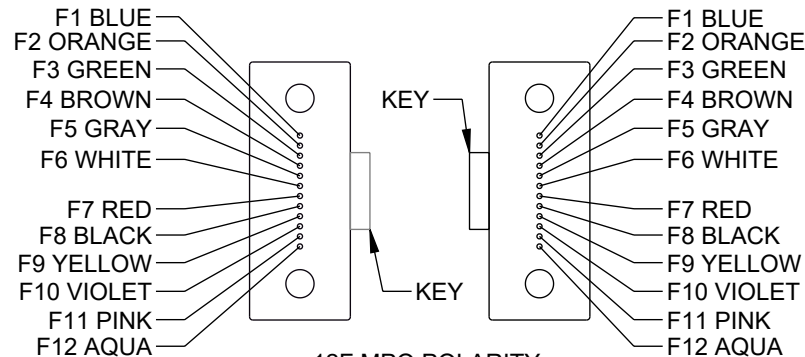
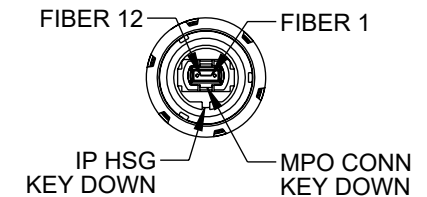


D

D

C

C

12F MPO POLARITY:  
METHOD B, KEY DOWN-KEY DOWN

VIEW B-B

B

B

## NOTES:

- MPO CONNECTOR ASSEMBLY POLISH TYPE: UPC.
- MPO POLARITY: TIA METHOD B.
- ALL CONNECTORS INCLUDE PROTECTIVE DUST CAPS.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW L-COM SPECIFICATION PS-0031.

A

A

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

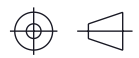
TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS  
 .XX = ±.02 [0.5]      ± 1/32  
 .XXX = ±.005 [0.13]      ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 ≤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 DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

## DESCRIPTION

IP68 OUTDOOR CABLE ASSY, 5MM OD, OM4, MPO/UPC MALE  
12F TO MPO/UPC MALE 12F, TYPE B

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	FOCM40DMPMB12	B

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