

6

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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

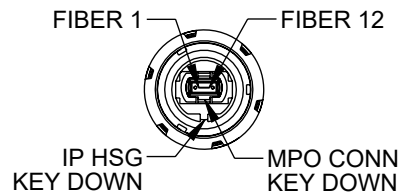
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13297	02/08/2024	DZINN	PHOSPODAR

F

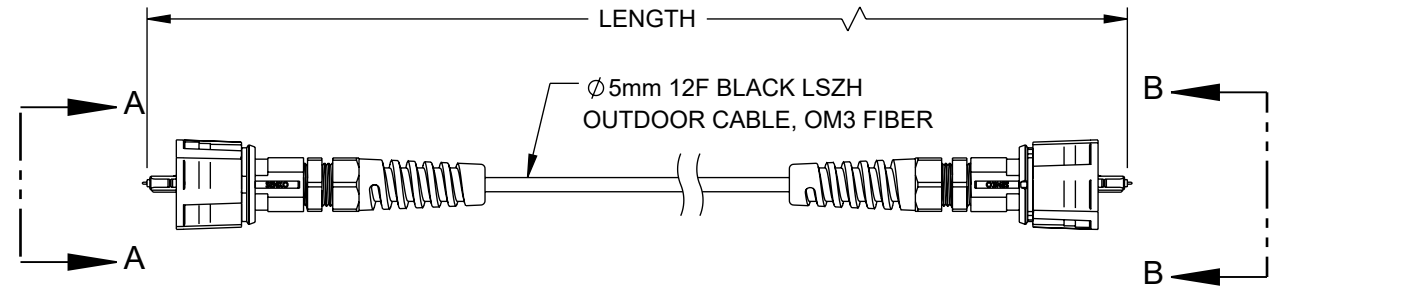
F

E

E



VIEW A-A

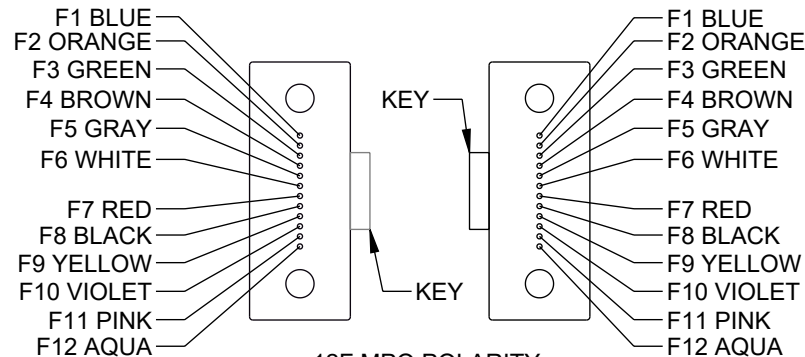
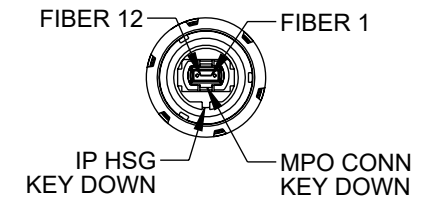


D

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

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

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

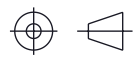
TOLERANCES:
X = ±.2 [5] | FRACTIONS ± 1/32
.XX = ±.02 [0.5] | ANGLES ± 1°
.XXX = ±.005 [0.13]

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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