

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 | SINGLE MODE |
|------------------|---------------|
| CONNECTOR TYPE | IP-MPO/APC |
| INSERTION LOSS | ≤ 0.75dB |
| RETURN LOSS | ≥ 55dB |
| TEST WAVE LENGTH | 1310 & 1550nm |

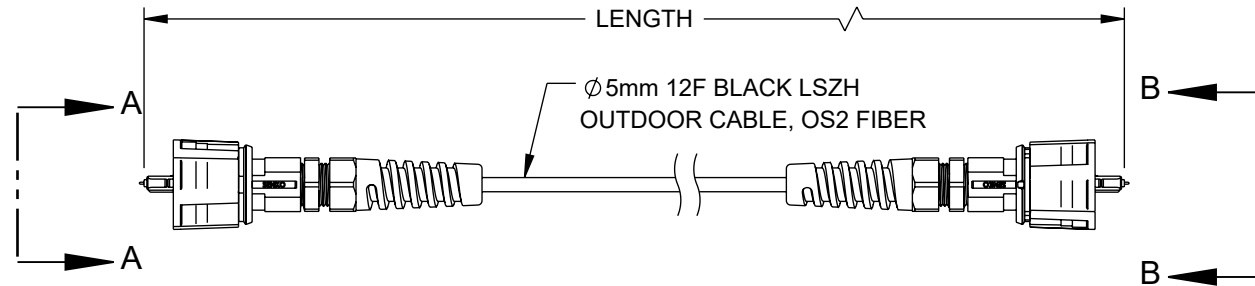
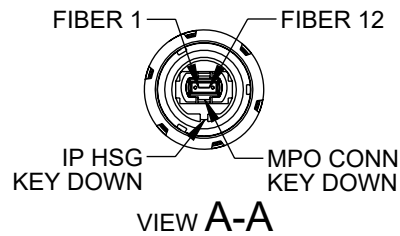
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
|------|-----|-------------|------------|------------|-----------|
| | B | ECO-13297 | 02/08/2024 | DZINN | PHOSPODAR |

F

F

E

E

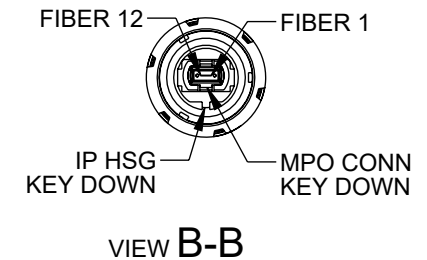
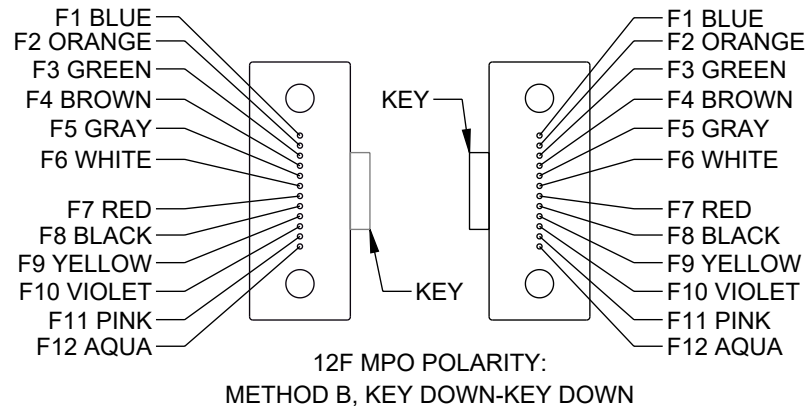


D

D

C

C



B

B

NOTES:

- MPO CONNECTOR ASSEMBLY POLISH TYPE: APC.
- 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

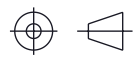
TOLERANCES:
 .X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

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, OS2, MPO/APC MALE
12F TO MPO/APC MALE 12F, TYPE B

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|---------------|-----|
| A | 43321 | DZINN | FOCS20DMPMB12 | B |

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