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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15879	06/02/2026	HBAKKE	REVANGELIS

F

E

D

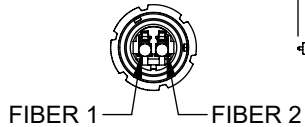
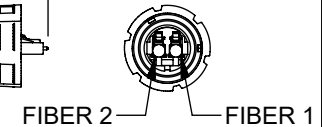
C

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A

LENGTH

LENGTH	TOLERANCE
L < 1M	+50 mm / -0
1M ≤ L ≤ 10M	+100 mm / -0
L > 10M	+1% L / -0

2X IP68 ODVA COMPATIBLE DUPLEX LC/UPC
CONNECTOR2F 5 mm BLACK LSZH INDOOR-OUTDOOR
ROUND CABLE (2X 0.9 mm TIGHT BUFFER)
OM1 FIBER

FIBER 2 FIBER 1

CABLE SPECIFICATIONS

ITEM	SPECIFICATION
CABLE DIAMETER	5.0 mm ±0.2
JACKET COLOR /MATERIAL	BLACK / LSZH
MIN.BEND RADIUS (D: CABLE DIAM.)	10D mm STATIC 20D mm DYNAMIC
SHORT TERM TENSILE	200 N
LONG TERM TENSILE	70 N
CRUSH RESISTANCE	2000 N/100mm
OPERATION TEMP.	-40~+70 °C
STORAGE TEMP.	-40~+70 °C
STRENGTH MEMBER	ARAMID YARN & KFRP
TIGHT BUFFER MATERIAL	LSZH
TIGHT BUFFER DIAM.	0.9 mm ±0.05

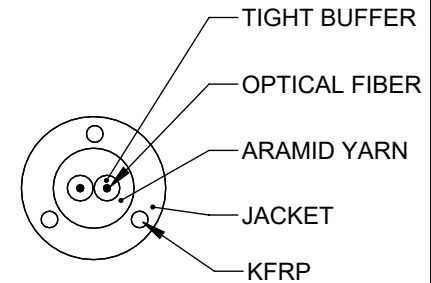
OPTICAL SPECIFICATIONS

FIBER TYPE	MULTIMODE OM1
POLISH TYPE	UPC
INSERTION LOSS	≤ 0.3 dB
TEST WAVELENGTH	850 nm & 1300 nm

ITEM NUMBER

LENGTH

	LENGTH	
	METERS	FEET
FOCM1ODLCUODLCU-05	5.0	16.40
FOCM1ODLCUODLCU-10	10.0	32.81
FOCM1ODLCUODLCU-15	15.0	49.21
FOCM1ODLCUODLCU-20	20.0	65.62
FOCM1ODLCUODLCU-30	30.0	98.43



CABLE PROFILE VIEW

NOTES:

1. ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED WHICH IS NOT SHOWN.
2. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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

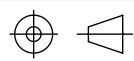
TOLERANCES:
.X = ±.2 [5]
.XX = ±.02 [0.5]
.XXX = ±.005 [0.13]
FRACTIONS
± 1/32
ANGLES ± 1°

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

CABLE LENGTH TOL IAW IPC A-620
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
NONE

SHEET
1 OF 1

DESCRIPTION

IP68 ODVA COMPATIBLE, DUPLEX LC/UPC TO IP68 ODVA
COMPATIBLE DUPLEX LC/UPC, OM1, LSZH

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	FOCM1ODLCUODLCU-XXX	B

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