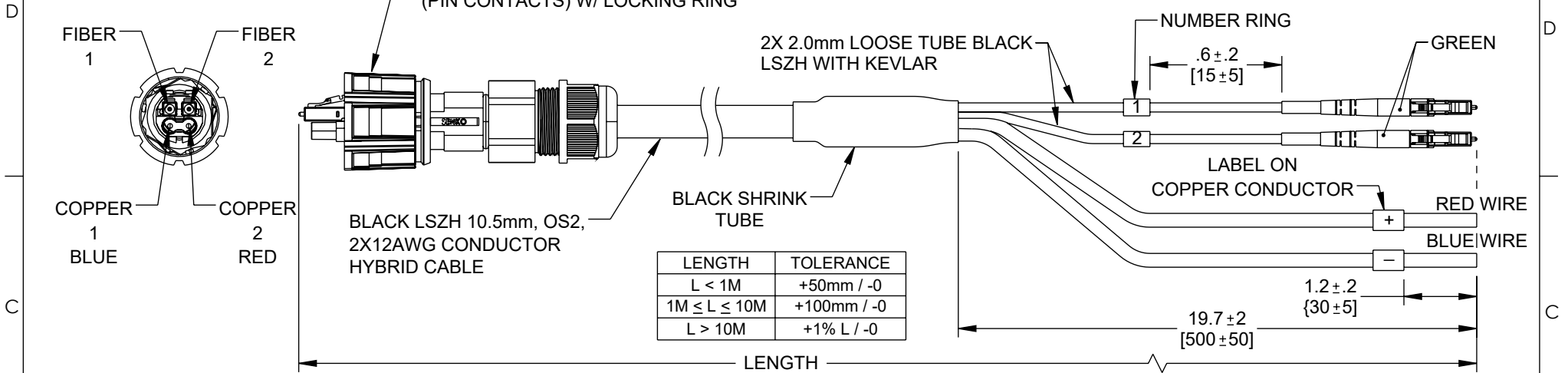


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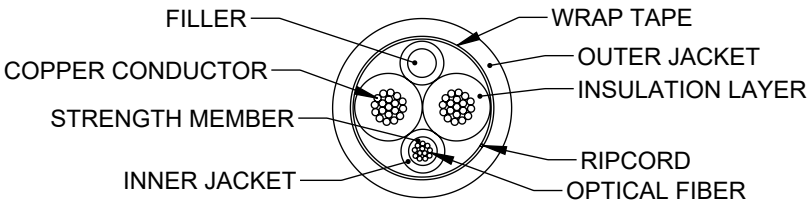
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13048	09/13/2023	KGLEBOVA	REVANGELIS



CABLE SPECIFICATIONS	
ITEM	SPECIFICATION
JACKET DIAMETER	10.5 mm ±0.5
JACKET COLOR / MATERIAL	BLACK / LSZH
MIN. BEND RAD. (D: CABLE DIAM.)	10D mm STATIC 20D mm DYNAMIC
ATTENUATION	≤0.4 dB/km@1310nm, ≤0.3 dB/km@1550nm
SHORT TERM TENSILE	500 N
LONG TERM TENSILE	200 N
CRUSH RESISTANCE	1000 N/100mm
OPERATION TEMP.	-40~+70 °C
INSTALLATION TEMP.	-20~+60 °C
STORAGE TEMP.	-40~+70 °C
STRENGTH MEMBER	ARAMID YARN
INNER JACKET MATERIAL	LSZH
INNER JACKET COLOR	BLACK
INNER JACKET DIAM.	2.6 mm ±0.2

OPTICAL SPECIFICATIONS	
FIBER TYPE	SINGLE MODE
POLISH TYPE	LCAPC
INSERTION LOSS	≤ 0.3dB
RETURN LOSS	≥ 65dB
TEST WAVELENGTH	1310nm & 1550nm

ENDFACE GEOMETRY	
SPECIFICATION TYPE	LCAPC
RADIUS OF CURVATURE	5mm TO 12mm
APEX OFFSET	< 50 um
FIBER HEIGHT	-100nm TO +100nm
ANGLE (°)	7.7~8.3



CABLE PROFILE VIEW

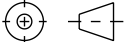
NOTES:

1. ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN)

2. CABLE ASSEMBLY LENGTH DETERMINED BY P/N AS ILLUSTRATED:
FOCSMIPHLCALCA-XXX (-XXX = OAL IN METERS)

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]		APPROVALS		DATE		L-com[™] an INFINITI® brand		50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936							
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 ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [13]		DRAWN BY BPUCHASKI		08/10/2023		CATEGORY FIBER OPTICS PRODUCT DESCRIPTION IP68 HYBRID LC/APC TO LC/APC 0.5M FAN-OUT, 2mm OD, OS2, 10.5mm CABLE ASSEMBLY									
		CHECKED BY REVANGELIS		08/10/2023											
		APPROVED BY PHOSPODAR		08/10/2023											
THIRD-ANGLE PROJECTION 		CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY				SIZE A				CAGE CODE 43321		ITEM NO. FOCSMIPHLCALCA-XXX		REV. B	
		COLOR VARIATIONS MAY OCCUR				SCALE: NONE				CAD FILE: FOCSMIPHLCALCA.SLDDRW				SHEET 1 OF 1	