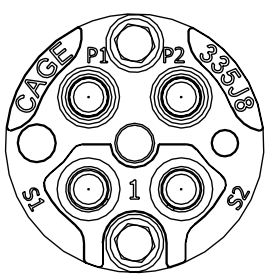
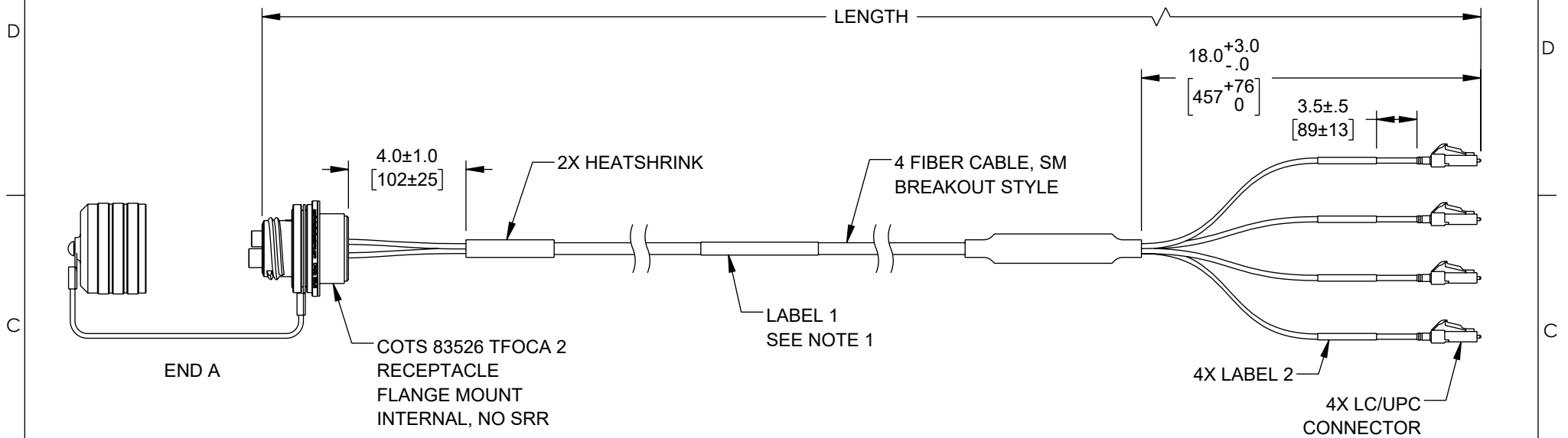
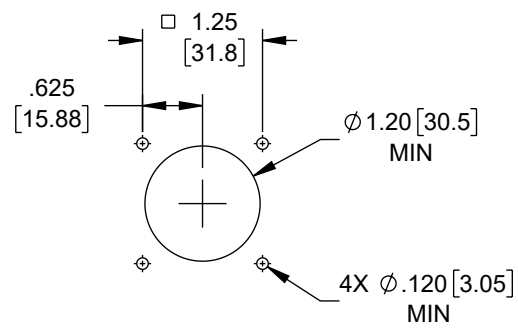


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
D2:D7	B	ECO-12986	08/16/2023	SREITER	REVANGELIS



INSERT CAP
FACE VIEW



RECOMMENDED
MTG HOLE PATTERN

LABEL 1

FCA-M8-FMLCSMMT-XX
MRF: 335J8
SN: XXXXXXXXXXXXXXXXXXXX

TABLE 1: PINOUT DIAGRAM

END A	FIBER	END B
S1	BLUE	S1-LC
S2	GREEN	S2-LC
P1	ORANGE	P1-LC
P2	BROWN	P2-LC

LABEL 2

XX-LC

TABLE 2: CABLE LENGTH

PART NO.	FEET	METERS
FCA-M8-FMLCSMMT-1	3.3	1
FCA-M8-FMLCSMMT-3	9.8	3

SEE TABLE 1

NOTES:

- IDENTIFICATION LABEL PLACEMENT IS APPROX CENTERED.
- CABLE ASSEMBLY DELIVERED HAND COILED.
- FABRICATED, INSPECTED AND TESTED IN ACCORDANCE WITH IPC-A-640 CLASS 3.

CABLE LENGTH TOLERANCE:

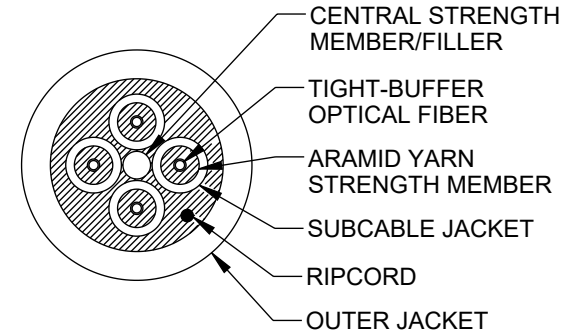
- LESS THAN (OR EQUAL TO) 20FT: +6"
- GREATER THAN 20FT - 100FT: +12"
- GREATER THAN 100FT: +36"

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] 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]	APPROVALS SREITER DATE 06/05/2023	50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	CHECKED BY REVANGELIS APPROVED BY PHOSPODAR DATE 06/05/2023	
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION COTS M83526 (TFOCA II EQUIVALENT) 83526/18 4 CHANNEL FLANGE RECEPTAL TO LC PC 4X SM 9/125/2mm, 1m SIZE A SCALE: NONE CAGE CODE 43321 CAD FILE: FCA-M8-FMLCSMMT-1.SLDDRW ITEM NO. FCA-M8-FMLCSMMT-1 REV. B SHEET 1 OF 2

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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-12986	08/16/2023	SREITER	REVANGELIS

4 CHANNEL
BREAKOUT – MIL-TAC CABLES



FIBER PERFORMANCE	
INDUSTRY STANDARD DESIGNATION	LOW WATER PEAK SINGLE-MODE ITU-T G.652.D
CORE/CLADDING DIAMETER (μm)	9/125
WAVELENGTH (nm)	1310/1550
SECONDARY BUFFER DIAMETER (μm)	900

MECHANICAL AND ENVIRONMENTAL	
IMPACT RESISTANCE TIA-455-25	1500 IMPACTS
CRUSH RESISTANCE TIA-455-41	2200 N/cm
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MIN BEND RADIUS	7.5 cm (3.0 in)	3.8 cm (1.5 in)

CABLE CHARACTERISTICS	
JACKET COLOR	BLACK
JACKET MATERIAL	POLYURETHANE
BUFFER MATERIAL	HARD ELASTOMERIC
SUBUNIT OD	2.0 mm
CABLE DIAMETER	7.5 mm (0.30 in)

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]</p> <p>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</p> <p>ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13]</p> <p>THIRD-ANGLE PROJECTION</p>	<p>APPROVALS</p> <p>DRAWN BY SREITER</p> <p>CHECKED BY REVANGELIS</p> <p>APPROVED BY PHOSPODAR</p>	<p>DATE</p> <p>06/05/2023</p> <p>06/05/2023</p> <p>06/05/2023</p>	<p>L-com an INFINITI® brand</p> <p>50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936</p>
	<p>CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY</p>		<p>CATEGORY</p> <p>CABLE ASSEMBLY</p>
	<p>COLOR VARIATIONS MAY OCCUR</p>		<p>PRODUCT DESCRIPTION</p> <p>COTS M83526 (TFOCA II EQUIVALENT) 83526/18 4 CHANNEL FLANGE RECEPTICAL TO LC PC 4X SM 9/125/2mm, 1m</p>
	<p>SIZE</p> <p>A</p>	<p>CAGE CODE</p> <p>43321</p>	<p>ITEM NO.</p> <p>FCA-M8-FMLCSMMT-1</p>
<p>SCALE: NONE</p>		<p>CAD FILE: FCA-M8-FMLCSMMT-1.SLDDRW</p>	<p>SHEET 2 OF 2</p>