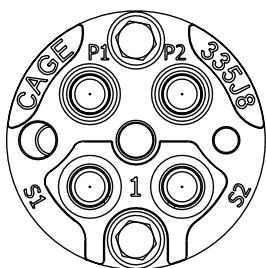
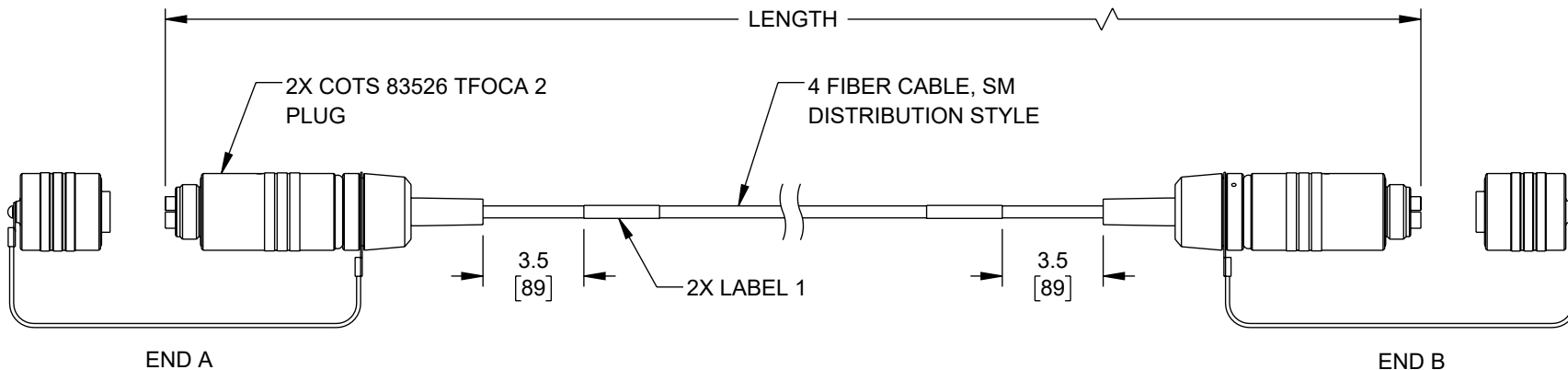


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/17/2023	SREITER	PHOSPODAR



INSERT CAP
FACE VIEW

LABEL 1
FCA-M8-PLPLSMMT-XX
 MRF: 335J8
 SN: XXXXXXXXXXXXXXXXXXXXXXX

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


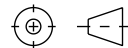
PART NO.	FEET	METERS
FCA-M8-PLPLSMMT-10	32.8	10
FCA-M8-PLPLSMMT-30	98.4	30

NOTES:

- CABLE ASSEMBLY DELIVERED HAND COILED.
- FABRICATED, INSPECTED AND TESTED IN ACCORDANCE WITH IPC-A-640 CLASS 3.

CABLE LENGTH TOLERANCE:

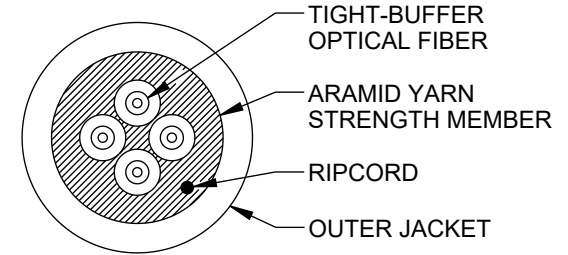
- LESS THAN (OR EQUAL TO) 20FT: +6"
- GREATER THAN 20FT - 100FT: +12"
- GREATER THAN 100FT: +36"

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 [1.3]	APPROVALS SREITER	DATE 05/17/2023	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY SREITER	CHECKED BY REVANGELIS	
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION COTS M83526 (TFOCA II EQUIVALENT) 83526/16 PLUG TO COTS 83526/16 PLUG, 4 CHANNEL, SM, PC 9/125/5.5mm TACTICAL CABLE, 10m SIZE: A CAGE CODE: 43321 ITEM NO.: FCA-M8-PLPLSMMT-10 REV.: A
SCALE: NONE		CAD FILE: FCA-M8-PLPLSMMT-10.SLDDRW	
			SHEET 1 OF 2

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REVISION					
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	A	INITIAL RELEASE	05/17/2023	SREITER	PHOSPODAR

4 CHANNEL
DISTRIBUTION – 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
PROOF TEST LEVEL (kpsi)	100

MECHANICAL AND ENVIRONMENTAL	
IMPACT RESISTANCE TIA-455-25	1500 IMPACTS
CRUSH RESISTANCE TIA-455-41	1800 N/cm
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX TENSILE LOAD	1,800 N (400 lbs)	600 N (130 lbs)
MIN BEND RADIUS	5.5 cm (2.2 in)	2.8 cm (1.1 in)

CABLE CHARACTERISTICS	
JACKET COLOR	BLACK
JACKET MATERIAL	POLYURETHANE
CABLE DIAMETER	5.5 mm (0.22 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>DATE</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>DRAWN BY SREITER</p> <p>CHECKED BY REVANGELIS</p> <p>APPROVED BY PHOSPODAR</p>		<p>05/17/2023</p> <p>05/17/2023</p> <p>05/17/2023</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) 83526/16 PLUG TO COTS 83526/16 PLUG, 4 CHANNEL, SM, PC 9/125/5.5mm TACTICAL CABLE, 10m</p>	
<p>SIZE</p> <p>A</p>		<p>CAGE CODE</p> <p>43321</p>	<p>ITEM NO.</p> <p>FCA-M8-PLPLSMMT-10</p>	<p>REV.</p> <p>A</p>
<p>SCALE: NONE</p>		<p>CAD FILE: FCA-M8-PLPLSMMT-10.SLDDRW</p>	<p>SHEET 2 OF 2</p>	