

6

5

4

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2

1

F

E

D

C

B

A

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E

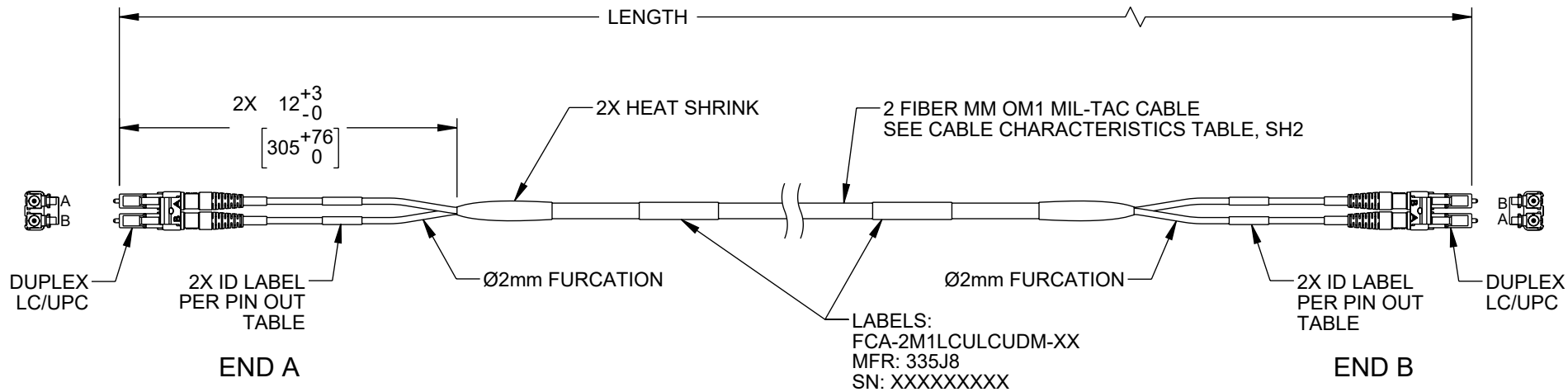
D

C

B

A

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13347	01/03/2024	DZINN	REVANGELIS



PIN OUT	
END A	END B
1	1
2	2

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-2M1LCULCUDM-10	10	32.81
FCA-2M1LCULCUDM-15	15	49.21
FCA-2M1LCULCUDM-20	20	65.62

LENGTH (L)	LENGTH TOLERANCE
$L \leq 6M [19.69 FT]$	$+0.15 M [.49 FT] / -0$
$L > 6M [19.69 FT] \& \leq 30M [98.43 FT]$	$+0.3 M [.98 FT] / -0$
$L > 30M [98.43 FT]$	$+1 M [3.28 FT] / -0$

NOTES:

- LC CONNECTOR ASSEMBLY POLISH TYPE: UPC
- CONNECTORS ARE SUPPLIED WITH DUST CAPS INSTALLED, NOT SHOWN.
- FABRICATED, INSPECTED, AND TESTED IAW IPC-A-640, CLASS 3.
- CABLE ASSEMBLY SHALL BE HAND COILED AND INDIVIDUALLY PACKAGED AND LABELED.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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

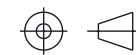
TOLERANCES:
X = $\pm 2 [5]$ FRACTIONS
.XX = $\pm 0.02 [0.5]$ $\pm 1/32$
.XXX = $\pm 0.005 [0.13]$ ANGLES $\pm 1^\circ$

CABLE LENGTH TOLERANCES:
 $\leq 12 [305] = +1 [25] / -0$
 $>12 [305] \leq 60 [1524] = +2 [51] / -0$
 $>60 [1524] \leq 120 [3048] = +4 [102] / -0$
 $>120 [3048] \leq 300 [7620] = +6 [152] / -0$
 $>300 [7620] = +5\% / -0$

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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 2

DESCRIPTION				
DEPLOYABLE MIL TACTICAL CABLE ASSY, MM, OM1, LC UPC DUPLEX TO LC UPC DUPLEX				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	FCA-2M1LCULCUDM	B

6

5

4

3

2


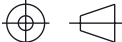
1

FIBER PERFORMANCE	
INDUSTRY STANDARD DESIGNATION	OM1 ISO/IEC 11801
CORE/CLADDING DIAMETER (μm)	62.5/125
WAVELENGTH (nm)	850/1310
GIGABIT ETHERNET DISTANCE (M)	33/300
PRIMARY COATING DIAMETER (μm)	500
SECONDARY BUFFER DIAMETER (μm)	900

MECHANICAL AND ENVIRONMENTAL	
IMPACT RESISTANCE TIA-455-25	1500 IMPACTS
CRUSH RESISTANCE TIA-455-41	1800 N/cm
FLEX RESISTANCE TIA-455-104	2000 CYCLES
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

CABLE CHARACTERISTICS	
JACKET MATERIAL	POLYURETHANE
BUFFER MATERIAL	HARD ELASTOMERIC
CABLE DIAMETER	5 mm [.20 in]

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX TENSILE LOAD	1800 N [400 lbs]	600 N [130 lbs]
MIN BEND RADIUS	5 cm [2.0 in]	2.5 cm [1.0 in]

 <p>L-com[®] an INFINIT[®] brand</p> <p>Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936</p>		 <p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p>	
		SCALE	SHEET
		NONE	2 OF 2

DESCRIPTION			
<p align="center">DEPLOYABLE MIL TACTICAL CABLE ASSY, MM, OM1, LC UPC DUPLEX TO LC UPC DUPLEX</p>			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	DZINN	FCA-2M1LCULCUDM

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