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## REVISION

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

F

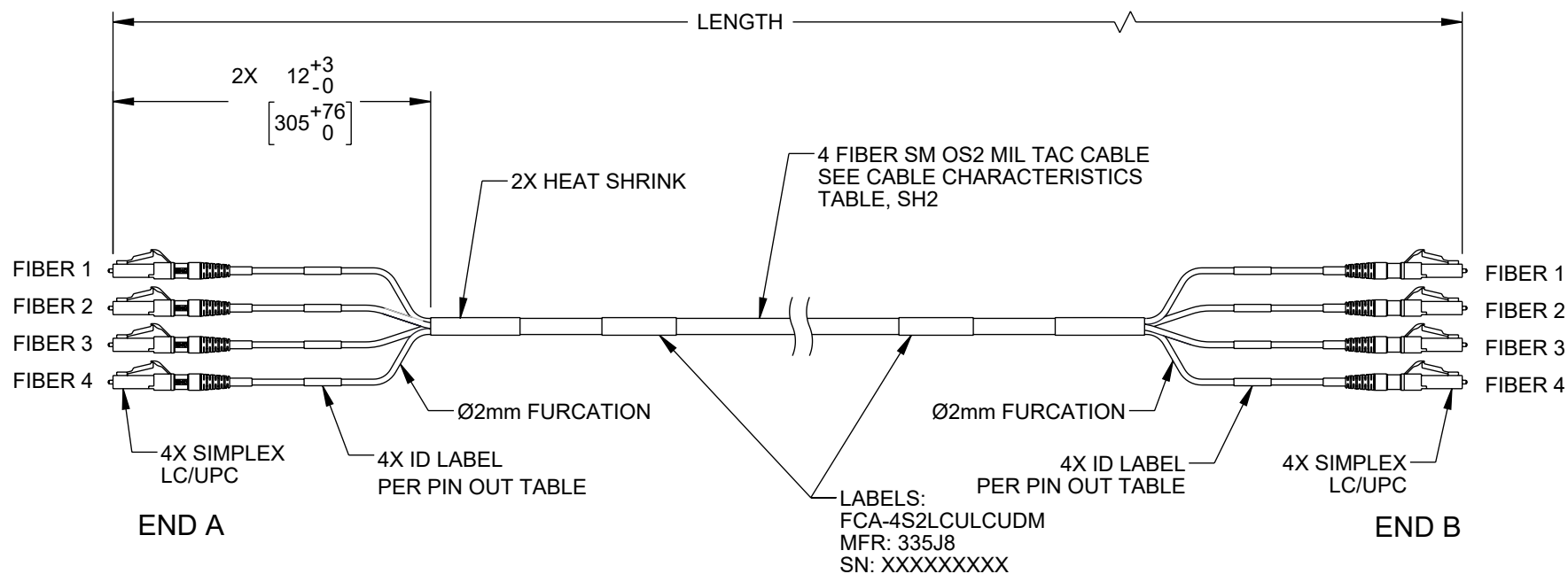
E

D

C

B

A



F

E

D

C

B

A

PIN OUT	
END A	END B
1	1
2	2
3	3
4	4

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-4S2LCULCUDM-10	10	32.81
FCA-4S2LCULCUDM-15	15	49.21
FCA-4S2LCULCUDM-20	20	65.62

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

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

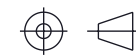
CABLE LENGTH TOLERANCES:

≤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

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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Phone: 1.800.341.5266 | 1.978.682.6936



INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 2

## DESCRIPTION

DEPLOYABLE MIL TACTICAL CABLE ASSY, SM, OS2, LC  
UPC 4X TO LC UPC 4X

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	FCA-4S2LCULCUDM	B

6 5 4 3 2 1

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FIBER PERFORMANCE	
INDUSTRY STANDARD DESIGNATION	LOW WATER PEAK SINGLE-MODE ITU-T G.652.D
WAVELENGTH (nm)	1310/1550
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	5.5 mm [.22 in]

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX TENSILE LOAD	1800 N [400 lbs]	600 N [130 lbs]
MIN BEND RADIUS	5.5 cm [2.2 in]	2.8 cm [1.1 in]

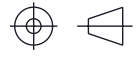
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	2 OF 2

DESCRIPTION

DEPLOYABLE MIL TACTICAL CABLE ASSY, SM, OS2, LC UPC 4X TO LC UPC 4X

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	FCA-4S2LCULCUDM	B