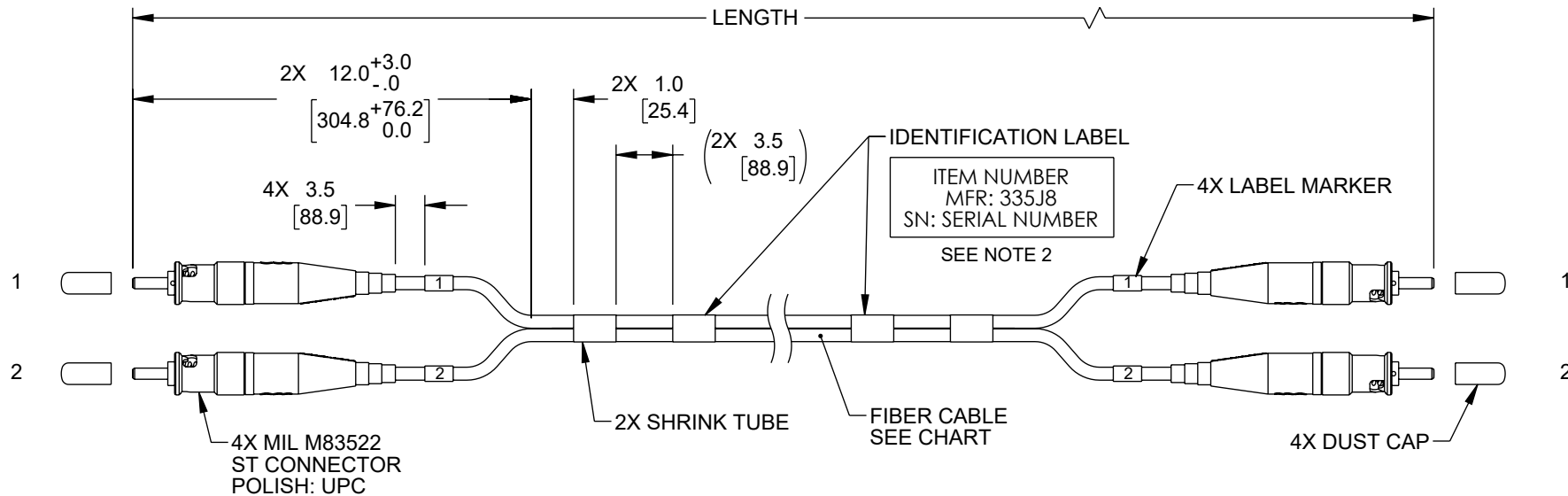


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/27/2023	DFRISIELLO	PHOSPODAR



FIBER PERFORMANCE	
INDUSTRY STANDARD	BEND INSENSITIVE LOW WATER PEAK SINGLE MODE ITU-T G.657.A1 ITU-T G.652.D
CORE/CLADDING DIAMETER (µm)	9/125
WAVLENGTH (nm)	1310/1550
PRIMARY COATING DIAMETER (µm)	245
SECONDARY BUFFER DIAMETER (µm)	900
INSTALLATION AND OPERATING CHARACTERISTICS	
	INSTALLATION
MAX. TENSILE LOAD	600 N (135 lbs)
MIN. BEND RADIUS	3.8 cm (1.5 in)
	OPERATING
	300 (67 lbs)
	2.5 cm (1.0 in)
MECHANICAL AND ENVIROMENTAL	
FLEX RESISTANCE TIA-455-104	1,000 CYCLES
CRUSH RESISTANCE TIA-455-41	500 N/cm
OPERATING TEMPERATURE	-40° C TO +85° C
STORAGE TEMPERATURE	-40° C TO +85° C
CABLE CHARACTERISTICS	
JACKET COLOR	YELLOW
JACKET MATERIAL	LOW SMOKE ZERO HALOGEN
BUFFER MATERIAL	HARD ELASTOMERIC
CABLE DIAMETER	2.0 x 4.5 mm (0.08 x 0.18 in)

ITEM NUMBER	LENGTH/TOL.
FCA-MSTMSTSMDXLS-05	5.0 METERS +0.15M/0
FCA-MSTMSTSMDXLS-10	10.0 METERS +0.3M/0
FCA-MSTMSTSMDXLS-15	15.0 METERS +0.3M/0
FCA-MSTMSTSMDXLS-20	20.0 METERS +0.3M/0

NOTES:

1. ALL CABLE ASSEMBLIES TO BE SUPPLIED WITH A TEST REPORT.
2. IDENTIFICATION LABELS ARE YELLOW M23053/5.
3. CABLE ASSEMBLY IS PACKAGED HAND COILED.
4. FABRICATED, INSPECTED, AND TESTED IAW IPC-A-640, CLASS 3.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±2 [5]	FRACTIONS ± 1/32
.XX = ±0.02 [0.5]	ANGLES ± 1°
.XXX = ±0.005 [0.13]	
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.	

<p><b>L-com</b> 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
DESCRIPTION		NONE	1 OF 1
2X ST-MIL C-83522 CONNECTOR TO 2X ST-MIL C-83522, SM, UPC, 2.0mm LSZH			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	DFRISIELLO	FCA-MSTMSTSMDXLS
			A