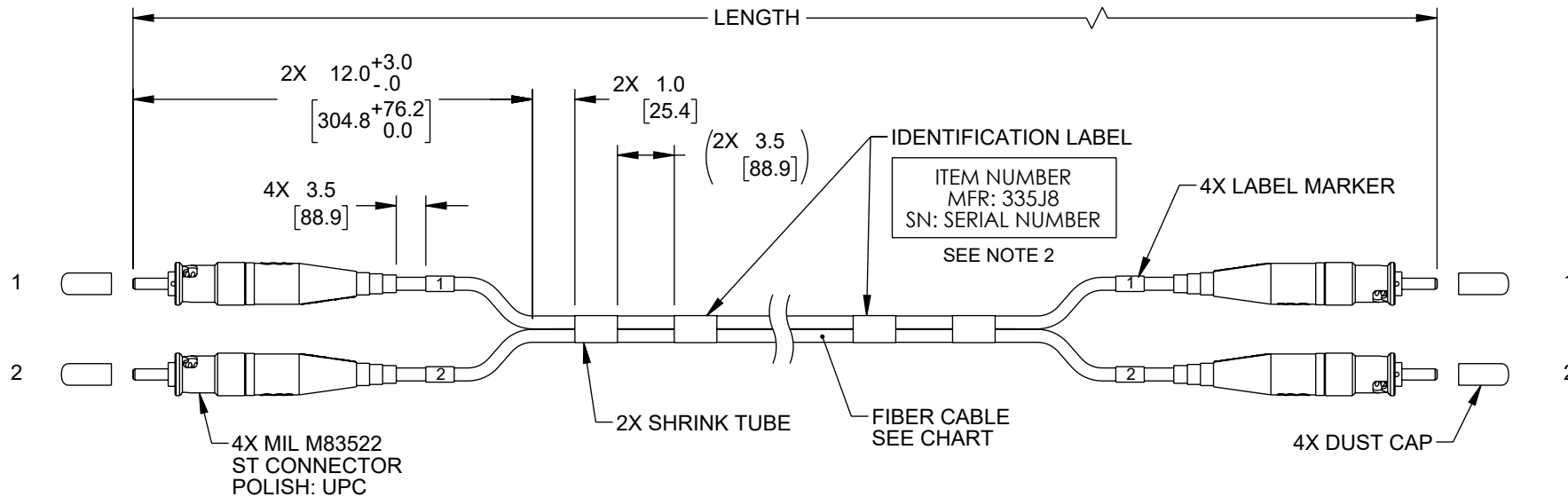


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/27/2023	DFRISIELLO	PHOSPODAR



FIBER PERFORMANCE		
INDUSTRY STANDARD	LOW WATER PEAK SINGLE MODE ITU-T G.652.D	
CORE/CLADDING DIAMETER (µm)	9/125	
WAVELENGTH (nm)	1310/1550	
PRIMARY COATING DIAMETER (µm)	500	
SECONDARY BUFFER DIAMETER (µm)	900	
INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX. TENSILE LOAD	600 N (135 lbs)	300 N (67 lbs)
MIN. BEND RADIUS	2.0 cm (0.8 in)	1.0 cm (0.4 in)
MECHANICAL AND ENVIRONMENTAL		
FLEX RESISTANCE TIA-455-104 (MIL. REQ)	7,500 CYCLES	
CRUSH RESISTANCE TIA-455-41 (MIL. REQ)	750 N/cm	
OPERATING TEMPERATURE	-55° C TO +85° C	
STORAGE TEMPERATURE	-70° C TO +85° C	
CABLE CHARACTERISTICS		
JACKET COLOR	BLACK	
JACKET MATERIAL	FLAME RETARDANT TACTICAL POLYURETHANE	
BUFFER MATERIAL	HARD ELASTOMERIC	
CABLE DIAMETER	2.0 x 4.5 mm (0.08 x 0.18 in)	

ITEM NUMBER	LENGTH/TOL.
FCA-MSTMSTSMXMT-05	5.0 METERS +0.15M/0
FCA-MSTMSTSMXMT-10	10.0 METERS +0.3M/0
FCA-MSTMSTSMXMT-15	15.0 METERS +0.3M/0
FCA-MSTMSTSMXMT-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 = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.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.	

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE	SHEET
NONE	1 OF 1

DESCRIPTION				
2X ST-MIL C-83522 CONNECTOR TO 2X ST-MIL C-83522, SM, UPC, 2.0mm MIL TACTICAL				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	FCA-MSTMSTSMXMT	A