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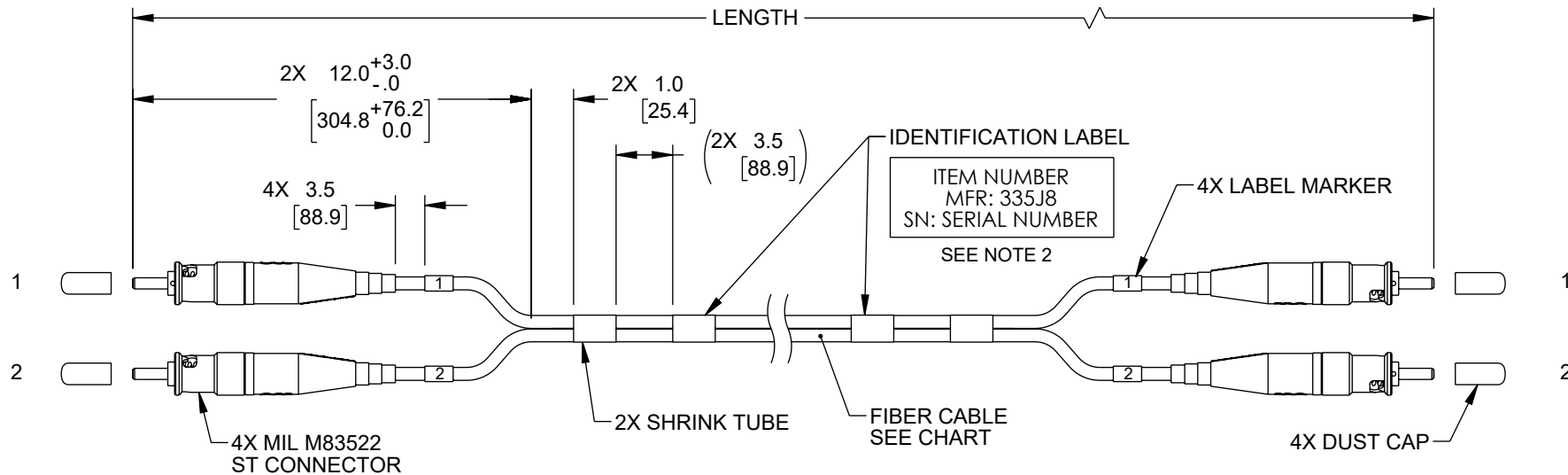
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/25/2023	DFRISIELLO	PHOSPODAR



FIBER PERFORMANCE		
INDUSTRY STANDARD		OM3 LASER OPTIMIZED (ISO/IEC 11801)
CORE/CLADDING DIAMETER (μm)		50/125
WAVELENGTH (nm)		850/1310
GIGABIT ETHERNET DISTANCE (M)		1000/600
10-GIGABIT ETHERNET DISTANCE (M)		300/300
PRIMARY COATING DIAMETER (μm)		245
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	3.8 cm (1.5 in)	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 +70° C
STORAGE TEMPERATURE		-40° C TO +70° C
CABLE CHARACTERISTICS		
JACKET COLOR		AQUA
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-MSTMSTM3DXLS-05	5.0 METERS +0.15M/0
FCA-MSTMSTM3DXLS-10	10.0 METERS +0.3M/0
FCA-MSTMSTM3DXLS-15	15.0 METERS +0.3M/0
FCA-MSTMSTM3DXLS-20	20.0 METERS +0.3M/0

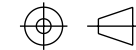
NOTES:

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.

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.	

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION
2X ST-MIL C-83522 CONNECTOR TO 2X ST-MIL C-83522, MM, OM3, 2.0mm LSZH

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	FCA-MSTMSTM3DXLS	A

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