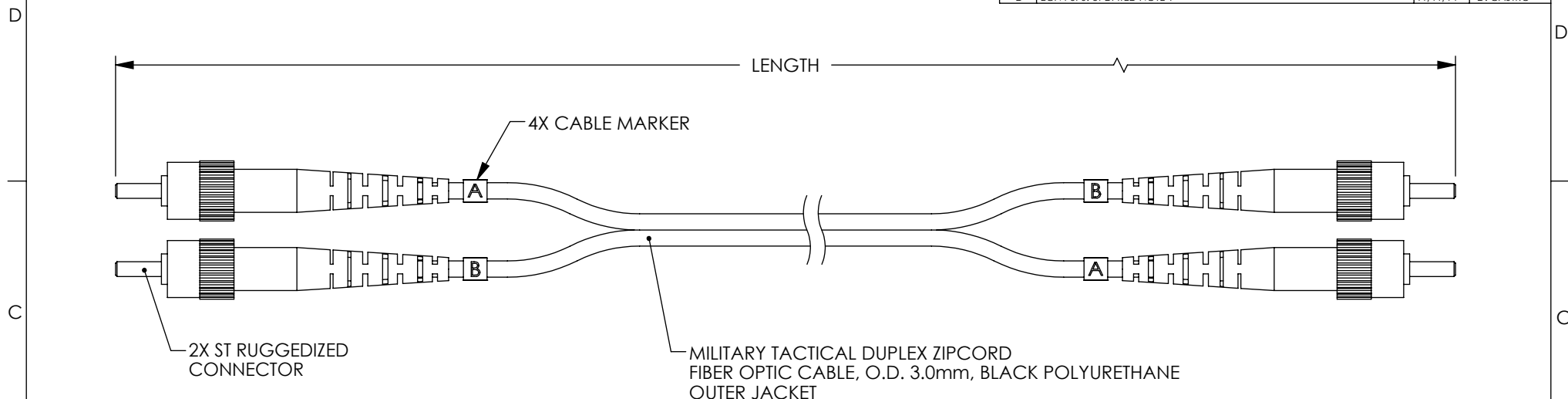


8 7 6 5 4 3 2 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/17/06	MCCORMICK
B	ECN 5411: REVISED NOTES, NEW FORMAT	4/1/11	D.FRISIELLO
C	ECN 6843: ADDED OM2, OM3 AND OS1 MODES WITH LENGTHS	5/16/13	D.FRISIELLO
D	ECN 7670: UPDATED NOTE 1	11/11/14	D. CASTRO



NOTES:

1. SPECIFICATIONS:
- INSERTION LOSS FOR MULTIMODE ASSEMBLIES: ≤ 0.5 dB
- BACK REFLECTION FOR SINGLEMODE ASSEMBLIES: < -40 dB

INSTALLATION:

MAX. TENSILE LOAD: 1000 N

MIN. BEND RADIUS: 5.0 cm

OPERATING:

MAX. TENSILE LOAD: 500 N

Min. BEND RADIUS: 3.0 cm

IMPACT RESISTANCE: 200 IMPACTS (TIA/EIA-455-25, MILITARY REQ.)

CRUSH RESISTANCE: 440 N/cm (TIA/EIA-455-41, MILITARY REQ.)

OPERATING TEMPERATURE: -55°C to $+85^{\circ}\text{C}$

2. ST CONNECTOR ASSEMBLY POLISH TYPE: PC
3. ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
4. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

MODEL NUMBER				LENGTH FEET [METERS]
62.5/125 - OM1	50/125 - OM2	50/125 - OM3	9/125 - OS1	
FODSTMIL-01	FODSTOM2MIL-01	FODSTOM3MIL-01	SFODSTMIL-01	3.28 [1.0]
FODSTMIL-02	FODSTOM2MIL-02	FODSTOM3MIL-02	SFODSTMIL-02	6.56 [2.0]
FODSTMIL-03	FODSTOM2MIL-03	FODSTOM3MIL-03	SFODSTMIL-03	9.84 [3.0]
FODSTMIL-05	FODSTOM2MIL-05	FODSTOM3MIL-05	SFODSTMIL-05	16.41 [5.0]
FODSTMIL-10	FODSTOM2MIL-10	FODSTOM3MIL-10	SFODSTMIL-10	32.81 [10.0]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤ 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 OTHER DIMENSIONAL TOLERANCES: .X = $\pm .2$ [5.08] .XX = $\pm .02$ [51] .XXX = $\pm .005$ [13] PROJECTION 	APPROVALS	DATE	 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
	DRAWN BY C.MCCORMICK	10/17/2006		
	CHECKED BY R.EVANS	10/17/2006		
	APPROVED BY J.ROBERTS	10/17/2006		
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			CATEGORY FIBER OPTICS	
COLOR VARIATIONS MAY OCCUR			PRODUCT DESCRIPTION ST-ST OM1 ZIP TPUR BLK MIL	
SIZE A		FSCM NO. 43321	DWG. NO. FODSTMIL	REV. D
SCALE: NONE		CAD FILE: FODSTMIL.SLDDRW		SHEET 1 OF 1

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