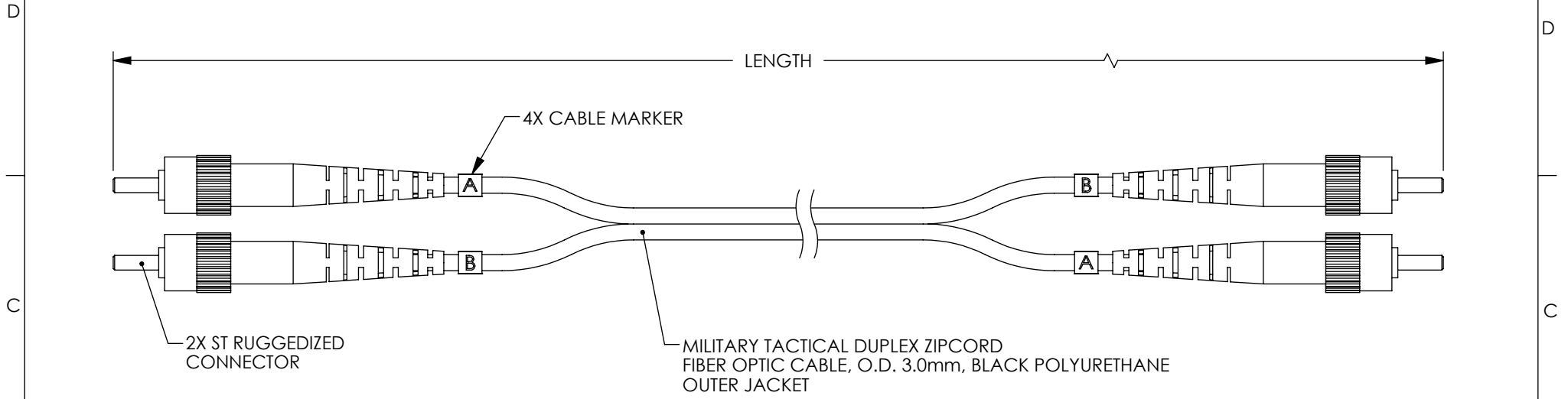


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/17/06	MCCORMICK
B	ECN 541 1: 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



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]

NOTES:



1. SPECIFICATIONS:  
 INSERTION LOSS FOR MULTIMODE ASSEMBLIES:  $\leq 0.5$  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:  $-55^{\circ}\text{C}$  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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: $\leq 12$ [305] = +1 [25] / -0 $>12$ [305] $\leq 60$ [1524] = +2 [51] / -0 $>60$ [1524] $\leq 120$ [3048] = +4 [102] / -0 $>120$ [3048] $\leq 300$ [7620] = +6 [152] / -0 $>300$ [7620] = +5% / -0% ALL OTHER DIMENSIONAL TOLERANCES: .X = $\pm .2$ [5.08] .XX = $\pm .02$ [51] .XXX = $\pm .005$ [127]	APPROVALS DRAWN BY C.MCCORMICK CHECKED BY R.EVANS APPROVED BY J.ROBERTS	DATE 10/17/2006 10/17/2006 10/17/2006	45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			CATEGORY <b>FIBER OPTICS</b>
	PROJECTION 	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>
	DWG. NO. <b>FODSTMIL</b>		SCALE: NONE	CAD FILE: FODSTMIL.SLDDRW
SHEET 1 OF 1			REV. <b>D</b>	