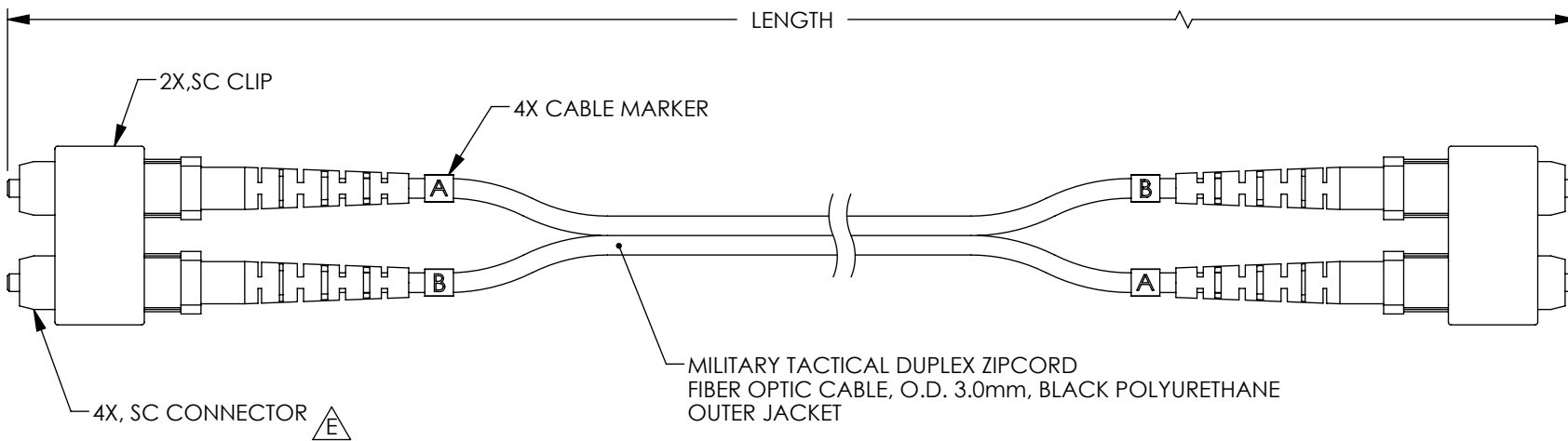


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/17/06	MCCORMICK
B	ECN 541 1: REVISED NOTES, NEW FORMAT	4/1/11	D.FRISIELLO
C	ECN 6843: ADDED OM2, OM3 AND OS1 MODES WITH LENGTHS	5/16/13	D.FRISIELLO
D	ECN 7670: UPDATED NOTE 1	11/11/14	D. CASTRO
E	ECN 8814: REMOVE "RUGGEDIZED" FROM CONN DESCRIPTION	6/12/17	R.CLARK



NOTES:

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

MODEL NUMBER				LENGTH
62.5/125 - OM1	50/125 - OM2	50/125 - OM3	9/125 - OS1	FEET [METERS]
FODSCMIL-01	FODSCOM2MIL-01	FODSCOM3MIL-01	SFODSCMIL-01	3.28 [1.0]
FODSCMIL-02	FODSCOM2MIL-02	FODSCOM3MIL-02	SFODSCMIL-02	6.56 [2.0]
FODSCMIL-03	FODSCOM2MIL-03	FODSCOM3MIL-03	SFODSCMIL-03	9.84 [3.0]
FODSCMIL-05	FODSCOM2MIL-05	FODSCOM3MIL-05	SFODSCMIL-05	16.41 [5.0]
FODSCMIL-10	FODSCOM2MIL-10	FODSCOM3MIL-10	SFODSCMIL-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 = $\pm .005$ [1.27]	APPROVALS	DATE		50 HIGH STREET NORTH ANDOVER, MA 01845	
	DRAWN BY C.MCCORMICK	10/17/2006		CHECKED BY R.EVANS	10/17/2006
PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR		CATEGORY FIBER OPTICS	
			PRODUCT DESCRIPTION SC-SC OM1 ZIP TPUR BLK MIL		
			SIZE A	FSCM NO. 43321	
			DWG. NO. FODSCMIL	REV. E	
			SCALE: NONE	CAD FILE: FODSCMIL.SLDDRW	
				SHEET 1 OF 1	