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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGED COLOR OF CONNECTOR INSULATORS TO BLACK (ECN# 1334)	3/21/03	T. CLARK
D	ECN1966: 500 VAC WAS 1500VAC	2/3/05	DFP
E	ECN 2116: ADDED [2] ADDITIONAL THUMBSCREWS	6/30/05	J. KIEZULAS
F	ECN# 2194: CHANGED INSTRUCTION SHEET AND CABLE SPECIFICATION	7/9/05	J. KIEZULAS

2X .130±.010

LENGTH

2X .030<sup>+0.000</sup>  
-.030

.63

2.19

MALE 25-PIN  
D-SUB CONNECTOR

2X THUMBSCREW

2X SCREWLOCK

FEMALE 25-PIN  
D-SUB CONNECTOR

MODEL NUMBER	LENGTH	
	(FEET)	(METERS)
CS2N25MF-2.5	2.5	0.76
CS2N25MF-5	5.0	1.52
CS2N25MF-6	6.0	1.83
CS2N25MF-10	10.0	3.05
CS2N25MF-12	12.0	3.66
CS2N25MF-15	15.0	4.57
CS2N25MF-25	25.0	7.62
CS2N25MF-50	50.0	15.24

SPECIFICATIONS:

WIRING: STRAIGHT THROUGH, PIN TO PIN, ALL PINS.

SHIELD: DRAIN WIRE TIED TO CONNECTOR SHELLS

ELECTRICAL:

VOLTAGE RATING: 30V  
DIELECTRIC STRENGTH: 500VAC

MATERIALS:

CONNECTORS:

INSULATORS: THERMOPLASTIC, UL 94V-0, BLACK  
CONTACTS: COPPER ALLOY, GOLD OVER NICKEL  
SHELLS: STEEL, TIN PLATED

HOOD MOLDINGS: PVC, LIGHT GRAY  
INTERNAL SHIELD: (360°) STEEL BOX SHIELD OVER PRE-MOLD  
SOLDERED TO D-SUB SHELL

CABLE: U.L. STYLE 2919 25 CONDUCTORS 26 AWG STRANDED TINNED COPPER  
OVERALL SHIELD: ALUMINIZED POLYESTER WITH DRAIN WIRE (100%) PLUS  
TINNED COPPER BRAID SHIELD

JACKET: PVC, LIGHT GRAY  
HARDWARE: 4-40 THREAD, STEEL OR BRASS, NICKEL PLATED

CABLE CONTAINS TWO ADDITIONAL MALE THUMBSCREWS PACKAGED  
IN A SEPARATE BAG AND INSTRUCTION SHEET [CS2N-INS](#)

[\(REFERENCE L-COM CABLE SPECIFICATION CS2N-LCS\)](#)



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
X ±.1  
XX ±.05  
XXX ±.005  
CABLE LENGTH TOLERANCE  
≤300' ±5% >300' ±2%

APPROVALS	DATE
DRAWN BY TJC	9/27/01
CHECKED BY DFP	9/28/01
APPROVED BY RC	10/4/01

CONFIGURATION DETAILS OF  
UNDIMENSIONED FEATURES  
MAY VARY

<div>L-com</div> <div>CONNECTIVITY</div> <div>PRODUCTS</div>		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
PRODUCT DESCRIPTION			
PREMIUM DATA CABLE ASSEMBLY			
DRAWING TITLE			
OUTLINE DRAWING			
SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	CS2N25MF-2.5-OD1	F
SCALE: NONE		CAD FILE: CS2N25MF-2.5-OD1.SLDDRW	SHEET 1 OF 1