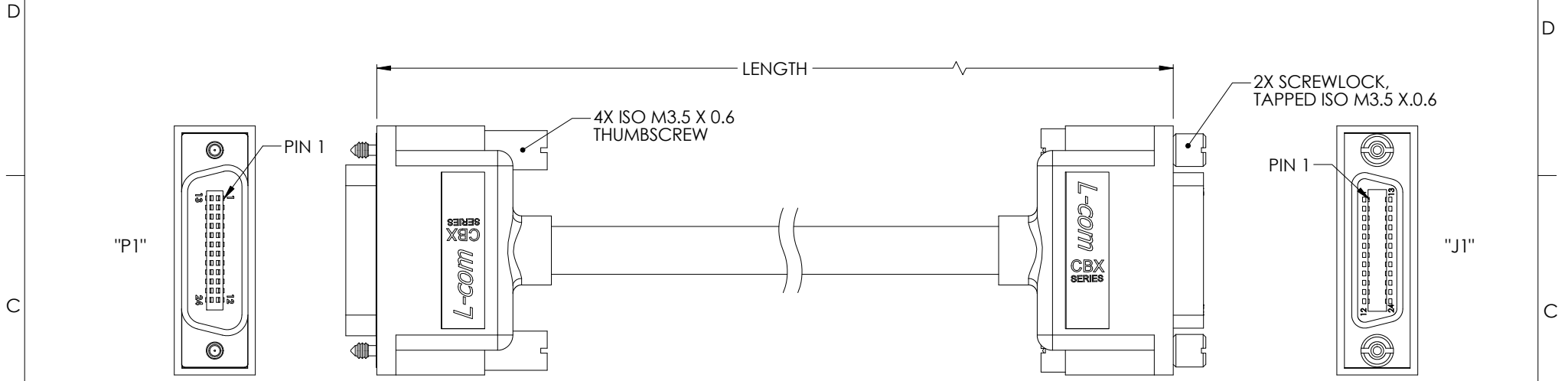


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED FOR PRODUCTION	9/10/01	TJC
B	REVISED DRAWING FORMAT, UP-DATED WIRING TABLE (ECN# 1271)	2/7/03	T CLARK
C	ECN 3207: UPDATE DWG FORMAT	3/5/08	D.GRIFFIN
D	ECN 8117: CORRECTED FUNCTION NAMES IN WIRE MAP, UPD FORMAT	10/1/15	D. DESJARDIN



MALE, 24-PIN GPIB RIBBON CABLE

FEMALE, 24-PIN GPIB RIBBON CABLE

**NOTES:**  
MEETS REQUIREMENTS OF ANSI/IEEE STD 488.1-1987.

**MATERIALS:**  
CABLE: U.L. STYLE 2464, TWELVE TWISTED PAIRS 26AWG STRANDED COPPER, FOUR DATA PAIRS WITHIN DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED COPPER DRAIN WIRE, AND EIGHT CONTROL PAIRS. OVERALL DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED COPPER WITH DRAIN WIRE. GRAY PVC JACKET.  
CONNECTOR HOUSINGS AND SHELLS: DIE-CAST ALUMINUM ALLOY, NICKEL PLATED.  
CONNECTOR INSULATORS: GLASS-FILLED PBT (BLUE), UL94V-0  
CONNECTOR CONTACTS: COPPER ALLOY, 30 MICROINCHES GOLD OVER NICKEL  
THUMBSCREWS: ISO M3.5 X 0.6, STEEL, BLACK OXIDE FINISH

**ENVIRONMENTAL:**  
OPERATING TEMPERATURE RANGE: -20°C TO + 80°C

**MISCELLANEOUS:**  
SEE SHEET 2 FOR WIRE MAP  
CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.  
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**  
CE2011/65/EU (RoHS DIRECTIVE)

MODEL NUMBER	LENGTH METERS [FEET]
CBX24-1M	1.0 [3.28]
CBX24-2M	2.0 [6.56]
CBX24-3M	3.0 [9.84]

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 = ± .2 [5.08] .XX = ± .02 [5.1] .XXX = ±.005 [1.3]	APPROVALS	DATE			45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
	DRAWN BY TJC	8/21/01			CATEGORY	IEEE-488
	CHECKED BY CM	8/22/01	APPROVED BY RC	9/10/01	PRODUCT DESCRIPTION	CABLE, PREM GPIB M/F
	PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. <b>CBX24</b>
			SCALE: NONE	CAD FILE: CBX24.SLDDRW	SHEET 1 OF 2	

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WIRING MAP			
PAIR NUMBER	P1	J1	FUNCTON
DATA GROUP IN INNER SHIELD			
1	1	1	DATA LINE DI01
	14	14	DATA LINE DI06
2	2	2	DATA LINE DI02
	3	3	DATA LINE DI03
3	4	4	DATA LINE DI04
	13	13	DATA LINE DI05
4	15	15	DATA LINE DI07
	16	16	DATA LINE DI08
CONTROL GROUP BETWEEN INNER AND OVERALL SHIELDS			
5	5	5	EOI
	24	24	EOI RETURN
6	6	6	DAV
	18	18	DAV RETURN
7	7	7	NRFD
	19	19	NRDF RETURN
8	8	8	NDAC
	20	20	NDAC RETURN
9	9	9	IFC
	21	21	IFC RETURN
10	10	10	SRQ
	22	22	SRQ RETURN
11	11	11	ATN
	23	23	ATN RETURN
12	17	17	REN
	24	24	REN RETURN
INNER SHIELD	24	24	INNER SHIELD
OVERALL SHIELD	12 & SHELL	12 & SHELL	OVERALL SHIELD

		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
CATEGORY			
IEEE-488			
PRODUCT DESCRIPTION			
CABLE, PREM GPIB M/F			
SIZE	FSCM NO.	DWG. NO.	REV.
<b>A</b>	<b>43321</b>	<b>CBX24</b>	<b>D</b>
SCALE: NONE		CAD FILE: CBX24.SLDDRW	
			SHEET 2 OF 2