

RoHS Compliant ✓

The diagram illustrates the L-com CMB Series IEEE-488 GPIB cable assembly. It features three main views: a top view showing the 2x 24-pin male and female ribbon connectors, a side view showing the L-com branding and thumbscrews, and a bottom view showing the pin numbering for the ribbon connectors. Key labels include "P1", "P2", "J1", "J2", "LENGTH", "2X 24-PIN MALE RIBBON CONNECTOR", "2X 24-PIN FEMALE RIBBON CONNECTOR", "4X THUMBSCREW", and "TAPPED ISO M3.5 X 0.6".

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

MATERIALS:
CABLE: U.L. STYLE 2464, TWELVE TWISTED PAIRS 26AWG STRANDED COPPER,
OVERALL DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED TINNED
COPPER WITH DRAIN WIRE, BEIGE PVC JACKET.

MOLDINGS: POLYVINYLCHLORIDE, BEIGE
CONNECTOR INSULATORS: GLASS-FILLED PBT (BLUE), UL94V-0
CONNECTOR CONTACTS: COPPER ALLOY, 30 MICROINCHES GOLD OVER NICKEL
CONNECTOR SHELL: STAMPED STEEL OR DIE-CAST ALLOY, NICKEL PLATED
THUMBSCREWS: ISO M3.5 X0.6, STEEL, BLACK OXIDE FINISH

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] TOLERANCES TO BE: .X ±.1 [2.5] ANGLES ±2° .XX ±.01 [.25] .XXX ±.005 [.13] OVERALL CABLE LENGTH TOL: ≤ 60 [1524] +3 [76.2] / -0 > 60 [1524] +5% / -0%	APPROVALS	DATE	CATEGORY			
	DRAWN BY T CLARK	8/23/2001	IEEE-488 GPIB			
	CHECKED BY D PARHAM	9/5/2001	PRODUCT DESCRIPTION			
	APPROVED BY R CARRICK	9/10/2001	MOLDED IEEE-488 CABLE ASSY			
PROJ 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		SIZE	FSCM NO.	DWG. NO.	REV.
			B	43321	CMB24	D
			SCALE: 1:1		CAD FILE: CMB24.SLDRW	SHEET 1 OF 2

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WIRING TABLE			
PAIR NUMBER	J1/P1	J2/P2	FUNCTION
1	1	1	DATA LINE DI01
	14	14	DATA LINE DI02
2	2	2	DATA LINE DI03
	3	3	DATA LINE DI04
3	4	4	DATA LINE DI05
	13	13	DATA LINE DI06
4	15	15	DATA LINE DI07
	16	16	DATA LINE DI08
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
DRAIN WIRE	12 & SHELL	12 & SHELL	SHIELD

		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
PRODUCT DESCRIPTION			
DRAWING TITLE			
OUTLINE DRAWING			
SIZE B	FSCM NO. 43321	DWG. NO. CMB24	REV. D
SCALE: 1:1		CAD FILE: CMB24.SLDDRW	SHEET 2 OF 2