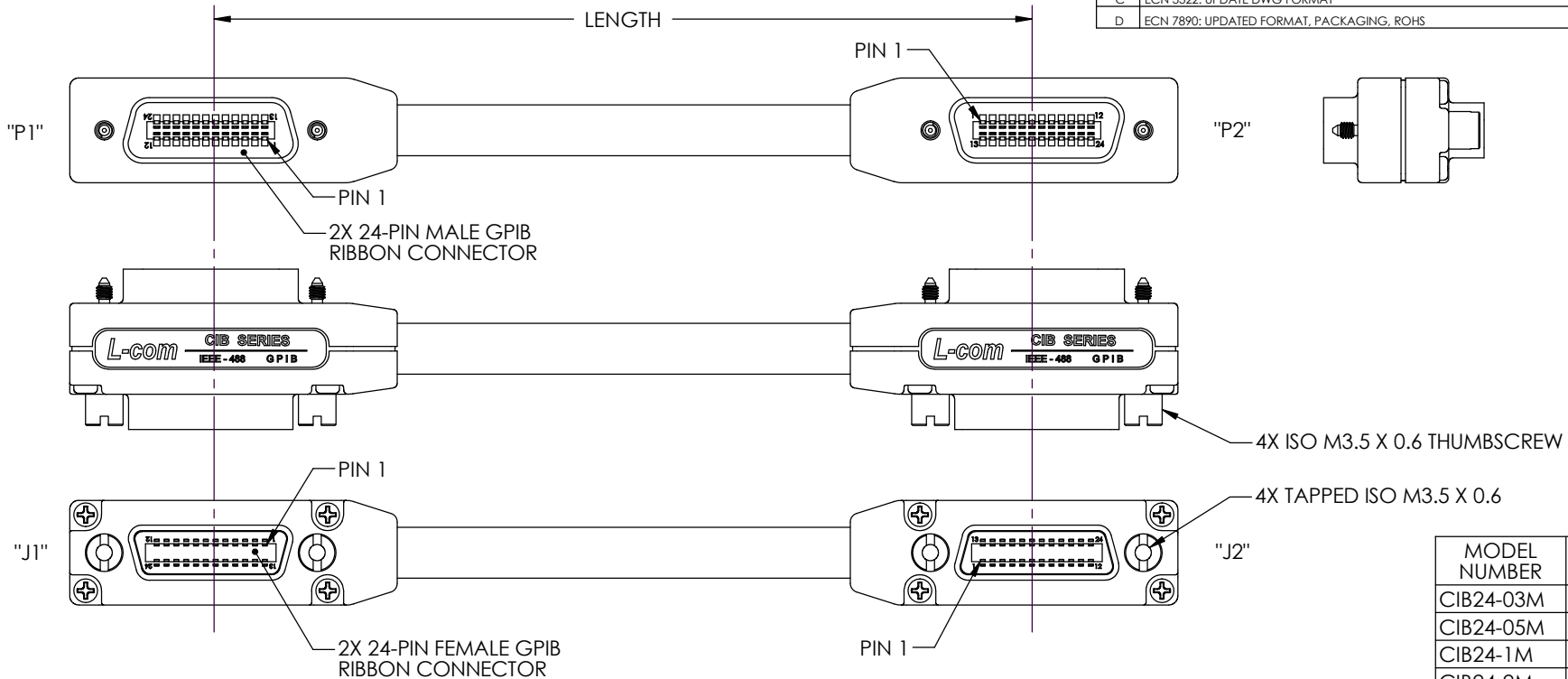


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| REVISIONS |                                                           |          |              |
|-----------|-----------------------------------------------------------|----------|--------------|
| REV       | DESCRIPTION                                               | DATE     | APPROVED     |
| A         | RELEASED FOR PRODUCTION                                   | 9/11/01  | T. CLARK     |
| B         | UP-DATED WIRING TABLE, REVISED DRAWING FORMAT (ECN# 1271) | 12/26/02 | T. CLARK     |
| C         | ECN 3322: UPDATE DWG FORMAT                               | 5/13/08  | D. GRIFFIN   |
| D         | ECN 7890: UPDATED FORMAT, PACKAGING, ROHS                 | 4/2/15   | D. DESJARDIN |



| MODEL NUMBER | LENGTH METERS [FEET] |
|--------------|----------------------|
| CIB24-03M    | 0.33 [1.08]          |
| CIB24-05M    | 0.50 [1.64]          |
| CIB24-1M     | 1.0 [3.28]           |
| CIB24-2M     | 2.0 [6.56]           |
| CIB24-2.5M   | 2.5 [8.20]           |
| CIB24-3M     | 3.0 [9.84]           |
| CIB24-4M     | 4.0 [13.12]          |
| CIB24-5M     | 5.0 [16.40]          |
| CIB24-6M     | 6.0 [19.68]          |
| CIB24-8M     | 8.0 [26.24]          |
| CIB24-10M    | 10.0 [32.80]         |
| CIB24-12M    | 12.0 [39.36]         |
| CIB24-15M    | 15.0 [49.20]         |
| CIB24-18M    | 18.0 [59.04]         |

**SPECIFICATIONS:**  
MEETS REQUIREMENTS OF ANSI/IEEE STD 488.1-1987.  
CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.

**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

△ CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

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

|                                                                                                                                                                                                                                                                                                                                                                                                        |                   |         |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]<br>OVERALL CABLE LENGTH TOLERANCE:<br><12 [305] = +1 [25] / -0<br>>12 [305] <60 [1524] = +2 [51] / -0<br>>60 [1524] <120 [3048] = +4 [102] / -0<br>>120 [3048] <300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0%<br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ± .2 [5.08]<br>.XX = ± .02 [5.1]<br>.XXX = ± .005 [1.3]<br>PROJECTION<br> | APPROVALS         | DATE    | <br>45 BEECHWOOD DRIVE<br>NORTH ANDOVER, MA<br>01845 |
|                                                                                                                                                                                                                                                                                                                                                                                                        | DRAWN BY<br>TJC   | 8/16/01 |                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                        | CHECKED BY<br>CM  | 8/22/01 |                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                        | APPROVED BY<br>RC | 9/10/01 |                                                      |
| CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY                                                                                                                                                                                                                                                                                                                                               |                   |         | CATEGORY                                             |
| COLOR VARIATIONS MAY OCCUR                                                                                                                                                                                                                                                                                                                                                                             |                   |         | PRODUCT DESCRIPTION                                  |
| SIZE<br><b>A</b>                                                                                                                                                                                                                                                                                                                                                                                       |                   |         | FSCM NO.<br><b>43321</b>                             |
| SCALE: NONE                                                                                                                                                                                                                                                                                                                                                                                            |                   |         | DWG. NO.<br><b>CIB24</b>                             |
| CAD FILE: CIB24.SLDRW                                                                                                                                                                                                                                                                                                                                                                                  |                   |         | REV.<br><b>D</b>                                     |
| SHEET 1 OF 2                                                                                                                                                                                                                                                                                                                                                                                           |                   |         |                                                      |

8 7 6 5 4 3 2 1

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| WIRING TABLE                                    |            |            |                |
|-------------------------------------------------|------------|------------|----------------|
| PAIR<br>NUMBER                                  | J1/P1      | J2/P2      | FUNCTION       |
| DATA GROUP IN INNER SHIELD                      |            |            |                |
| 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 |
| 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<br>SHIELD                                 | 24         | 24         | INNER SHIELD   |
| OVERALL<br>SHIELD                               | 12 & SHELL | 12 & SHELL | OVERALL SHIELD |



45 BEECHWOOD DRIVE  
NORTH ANDOVER, MA  
01845

CATEGORY

IEEE-488

PRODUCT DESCRIPTION

CABLE, PREM GPIB NORM

SIZE  
**A**

FSCM NO.  
**43321**

DWG. NO.  
CIB24

REV.  
**D**

SCALE: NONE

CAD FILE: CIB24.SLDDRW

SHEET 2 OF 2