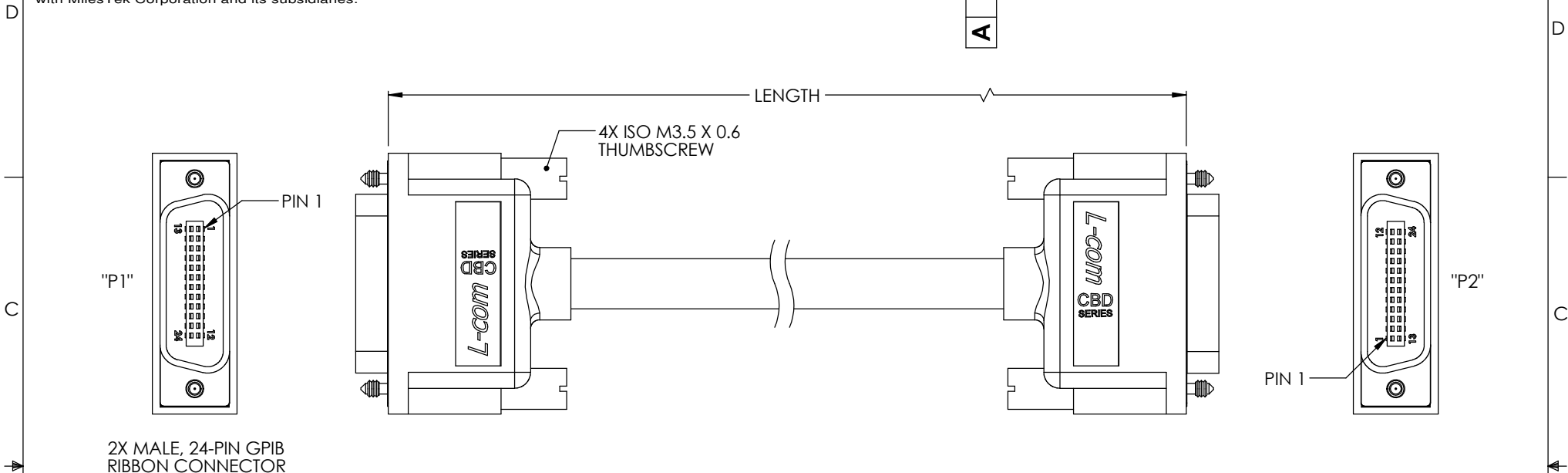


PROPRIETARY NOTICE

This document discloses confidential subject matter in which MilesTek Corporation and its subsidiaries have proprietary rights. Neither receipt nor possession thereof confers or transfers any right to reproduce or disclose the document, any part thereof, any information contained therein, or any physical article or device, or to practice any method or process, except by written permission from, or written agreement with MilesTek Corporation and its subsidiaries.

| REVISIONS |                 |          |          |
|-----------|-----------------|----------|----------|
| REV       | DESCRIPTION     | DATE     | APPROVED |
| A         | INITIAL RELEASE | 06/01/17 | J.YOU    |
|           |                 |          |          |
|           |                 |          |          |
|           |                 |          |          |



| MODEL NUMBER  | LENGTH METERS [FEET] |
|---------------|----------------------|
| MGPA00003-05M | 0.5 [1.64]           |
| MGPA00003-1M  | 1.0 [3.28]           |
| MGPA00003-2M  | 2.0 [6.56]           |
| MGPA00003-3M  | 3.0 [9.84]           |
| MGPA00003-4M  | 4.0 [13.12]          |
| MGPA00003-5M  | 5.0 [16.40]          |
| MGPA00003-8M  | 8.0 [26.24]          |

**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 SPECIFICATION PS-0054.

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

**NON CONTROLLED DRAWING IF PRINTED**


| AS9100C CERTIFIED   |           | CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY |                         |                              |                      |
|---|-----------|---|-------------------------|------------------------------|----------------------|
| DASH  | NEXT ASSY | USED ON                                     | APPLICATION             | CUSTOMER REFERENCE DOCUMENT: | CAGE CODE: 42977     |
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES   |           |   | SIGNATURE               |                              | DATE                 |
| OVERALL CABLE LENGTH TOLERANCE:   |           |   | J.YOU                   |                              | 06/01/17             |
| $\leq 12$ [305] = +1 [25] / -0<br>$> 12$ [305] $\leq 60$ [1524] = +2 [51] / -0<br>$> 60$ [1524] $\leq 120$ [3048] = +4 [102] / -0<br>$> 120$ [3048] $\leq 300$ [7620] = +6 [152] / -0<br>$> 300$ [7620] = +3% / -0% |           |   | Brian G.                |                              | 06/01/17             |
| ALL OTHER DIMENSIONAL TOLERANCES:   |           |   | APPROVED ENGINEERING:   |                              | TITLE                |
| $.X = \pm 2$ [5.08]<br>$.XX = \pm .02$ [.51]<br>$.XXX = \pm .005$ [.13]   |           |   | S.PAN                   |                              | CABLE, PREM GPIB M/M |
| CUSTOMER APPROVAL   |           |   | APPROVED MANUFACTURING: |                              | SIZE                 |
|   |           |   |                         |                              | DRAWING NUMBER:      |
|   |           |   |                         |                              | A                    |
|   |           |   |                         |                              | MGPA00003            |
|   |           |   |                         |                              | SCALE: NTS           |
|   |           |   |                         |                              | SHEET 1 OF 2         |



PROPRIETARY NOTICE

This document discloses confidential subject matter in which MilesTek Corporation and its subsidiaries have proprietary rights. Neither receipt nor possession thereof confers or transfers any right to reproduce or disclose the document, any part thereof, any information contained therein, or any physical article or device, or to practice any method or process, except by written permission from, or written agreement with MilesTek Corporation and its subsidiaries.

| WIRING MAP                                      |            |            |                |
|---|------------|------------|----------------|
| PAIR NUMBER                                     | P1         | P2         | FUNCTION       |
| 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 |

|   |  |  |  |
|---|--|--|--|
|  |  | <small>MILESTEK CORPORATION<br/>1506 INTERSTATE 35 WEST<br/>DENTON, TX 76207<br/>PHONE: 946.524.1553<br/>FAX: 940.591.7086</small> |  |
| <small>TITLE</small><br>CABLE, PREM GPIB M/M  |  |  |  |
| <small>SIZE</small><br><b>A</b>   |  | <small>DRAWING NUMBER:</small><br>MGPA00003  |  |
| <small>SCALE: NTS</small>   |  | <small>SHEET 2 OF 2</small>  |  |

**NON CONTROLLED DRAWING IF PRINTED**