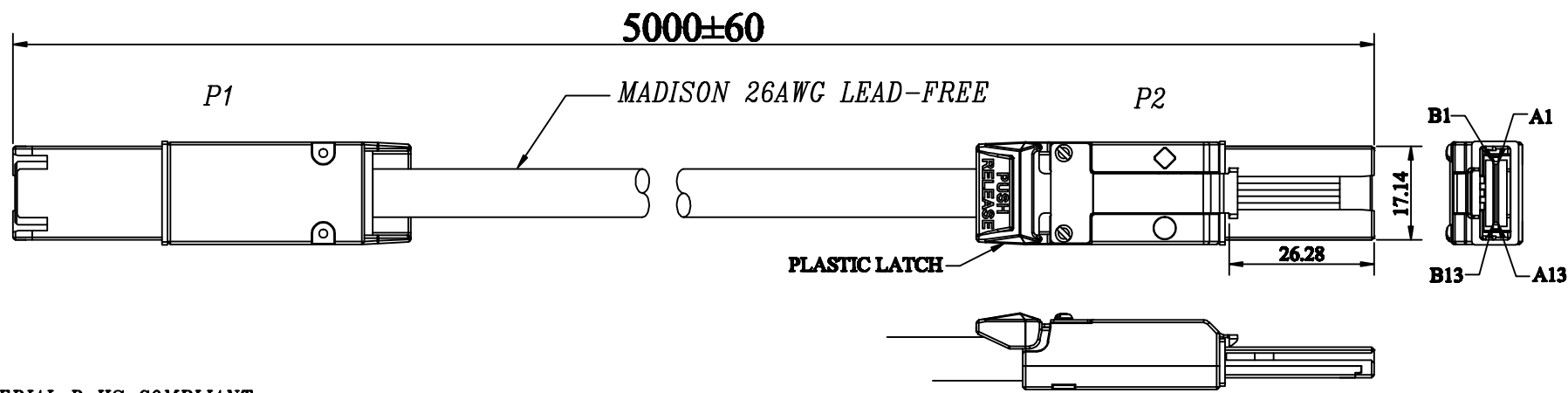


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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| REV. | REMARK | DATE | SIGN. | | | | | | |
| ⚠ | REVISED CABLE | 01/19/07 | KU. | | | | | | |

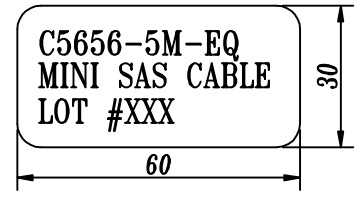
RoHS



MATERIAL RoHS COMPLIANT:
CABLE:

CONDUCTOR: 8 TWISTED PAIRS, 26AWG SOLID SILVER PLATED COPPER.
 INSULATION: FOAM POLYOLEFIN.
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
 PAIR DRAIN WIRE: 28AWG SOLID SILVER PLATED COPPER.
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.
 INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.
 OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.
 DIAMETER: 8.763mm NOMINAL. COLOR: BLACK.
 PRINT LEGEND: "MADISON CABLE CORP.TYPE CL2 75°C 26AWG (UL) TurboTwin™ LEAD-FREE"
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
 UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE. TARBO TWIN™

LABELLING ON BAG:



- P1&P2: Mini SAS 4x CABLE PLUG - 26CKT CONNECTOR(SFF-8088)
- (1) P.C.B: FR4, 4 LAYERS, WITH EQ
 - (2) LATCH: STAINLESS STEEL
 - (3) BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
 - (4) WITH EXTERNAL UNIVERSAL KEY.

| | | | | | | | | | | | | |
|-----------------------|-------|---|--------------|-------------|---------|----------|-----------|-------|----------|---------|-------------|---|
| DataStorageCables.com | DESC. | 26CKT (HOST)/26CKT (TARGET) CABLE ASS'Y | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE | 1 = 1 | UNIT | mm | ⌀ |
| | P/N | C5656-5M-EQ | CUSTOMER P/N | C5656-5M-EQ | | KU | | DATE | 12/15/06 | DWG NO: | DWG/RC/2218 | |

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|---|------------------|-------------|----------|---------|----------|-----------|-------|----------------|---------|-------------|--|--|--|-------------|--|--|-------------|--|--|------|-----|--------|------|-----|--------|----|----|------|----|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|-----|------|-----|------|-----|------|-----|------|-----------|--|--|-----------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|
| REV. | REMARK | | DATE | SIGN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: center;">WIRING DIAGRAM</th> </tr> <tr> <th colspan="3" style="text-align: center;">Mini SAS 4x</th> <th colspan="3" style="text-align: center;">Mini SAS 4x</th> </tr> <tr> <th>plug</th> <th>PIN</th> <th>SIGNAL</th> <th>plug</th> <th>PIN</th> <th>SIGNAL</th> </tr> </thead> <tbody> <tr> <td rowspan="12">P1</td> <td>A2</td> <td>RX0+</td> <td rowspan="12">P2</td> <td>B2</td> <td>TX0+</td> </tr> <tr> <td>A3</td> <td>RX0-</td> <td>B3</td> <td>TX0-</td> </tr> <tr> <td>A5</td> <td>RX1+</td> <td>B5</td> <td>TX1+</td> </tr> <tr> <td>A6</td> <td>RX1-</td> <td>B6</td> <td>TX1-</td> </tr> <tr> <td>A8</td> <td>RX2+</td> <td>B8</td> <td>TX2+</td> </tr> <tr> <td>A9</td> <td>RX2-</td> <td>B9</td> <td>TX2-</td> </tr> <tr> <td>A11</td> <td>RX3+</td> <td>B11</td> <td>TX3+</td> </tr> <tr> <td>A12</td> <td>RX3-</td> <td>B12</td> <td>TX3-</td> </tr> <tr> <td>B2</td> <td>TX0+</td> <td>A2</td> <td>RX0+</td> </tr> <tr> <td>B3</td> <td>TX0-</td> <td>A3</td> <td>RX0-</td> </tr> <tr> <td>B5</td> <td>TX1+</td> <td>A5</td> <td>RX1+</td> </tr> <tr> <td>B6</td> <td>TX1-</td> <td>A6</td> <td>RX1-</td> </tr> <tr> <td>B8</td> <td>TX2+</td> <td>A8</td> <td>RX2+</td> </tr> <tr> <td>B9</td> <td>TX2-</td> <td>A9</td> <td>RX2-</td> </tr> <tr> <td>B11</td> <td>TX3+</td> <td>A11</td> <td>RX3+</td> </tr> <tr> <td>B12</td> <td>TX3-</td> <td>A12</td> <td>RX3-</td> </tr> <tr> <td colspan="3" style="text-align: center;">GND GROUP</td> <td colspan="3" style="text-align: center;">GND GROUP</td> </tr> <tr> <td colspan="3">A1,A4,A7,A10,A13</td> <td colspan="3">A1,A4,A7,A10,A13</td> </tr> <tr> <td colspan="3">B1,B4,B7,B10,B13</td> <td colspan="3">B1,B4,B7,B10,B13</td> </tr> </tbody> </table> | | | | | | | | | | WIRING DIAGRAM | | | | | | Mini SAS 4x | | | Mini SAS 4x | | | plug | PIN | SIGNAL | plug | PIN | SIGNAL | P1 | A2 | RX0+ | P2 | B2 | TX0+ | A3 | RX0- | B3 | TX0- | A5 | RX1+ | B5 | TX1+ | A6 | RX1- | B6 | TX1- | A8 | RX2+ | B8 | TX2+ | A9 | RX2- | B9 | TX2- | A11 | RX3+ | B11 | TX3+ | A12 | RX3- | B12 | TX3- | B2 | TX0+ | A2 | RX0+ | B3 | TX0- | A3 | RX0- | B5 | TX1+ | A5 | RX1+ | B6 | TX1- | A6 | RX1- | B8 | TX2+ | A8 | RX2+ | B9 | TX2- | A9 | RX2- | B11 | TX3+ | A11 | RX3+ | B12 | TX3- | A12 | RX3- | GND GROUP | | | GND GROUP | | | A1,A4,A7,A10,A13 | | | A1,A4,A7,A10,A13 | | | B1,B4,B7,B10,B13 | | | B1,B4,B7,B10,B13 | | |
| WIRING DIAGRAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mini SAS 4x | | | Mini SAS 4x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| plug | PIN | SIGNAL | plug | PIN | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P1 | A2 | RX0+ | P2 | B2 | TX0+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A3 | RX0- | | B3 | TX0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A5 | RX1+ | | B5 | TX1+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A6 | RX1- | | B6 | TX1- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A8 | RX2+ | | B8 | TX2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A9 | RX2- | | B9 | TX2- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A11 | RX3+ | | B11 | TX3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A12 | RX3- | | B12 | TX3- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B2 | TX0+ | | A2 | RX0+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B3 | TX0- | | A3 | RX0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B5 | TX1+ | | A5 | RX1+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B6 | TX1- | | A6 | RX1- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B8 | TX2+ | A8 | RX2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B9 | TX2- | A9 | RX2- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B11 | TX3+ | A11 | RX3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B12 | TX3- | A12 | RX3- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GND GROUP | | | GND GROUP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1,A4,A7,A10,A13 | | | A1,A4,A7,A10,A13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1,B4,B7,B10,B13 | | | B1,B4,B7,B10,B13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DataStorageCables.com | DESC. | 26CKT (HOST)/26CKT (TARGET) CABLE ASS'Y | | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE | 1 = 1 | UNIT | mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P/N | C5656-5M-EQ | CUSTOMER P/N | C5656-5M-EQ | | | KU | | DATE | 12/15/06 | DWG NO: | DWG/RC/2218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|------|--------|---|------|-------|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| REV. | REMARK | | DATE | SIGN. | | | | | |
| | | | | | | | | | |

| WIRING DIAGRAM | | | | | |
|------------------|------|--------|------------------|-----|--------|
| Mini SAS 4x | | | Mini SAS 4x | | |
| plug | PIN | SIGNAL | plug | PIN | SIGNAL |
| P1 | A2 | RX0+ | P2 | B2 | TX0+ |
| | A3 | RX0- | | B3 | TX0- |
| | A5 | RX1+ | | B5 | TX1+ |
| | A6 | RX1- | | B6 | TX1- |
| | A8 | RX2+ | | B8 | TX2+ |
| | A9 | RX2- | | B9 | TX2- |
| | A11 | RX3+ | | B11 | TX3+ |
| | A12 | RX3- | | B12 | TX3- |
| | B2 | TX0+ | | A2 | RX0+ |
| | B3 | TX0- | | A3 | RX0- |
| | B5 | TX1+ | | A5 | RX1+ |
| | B6 | TX1- | | A6 | RX1- |
| B8 | TX2+ | A8 | RX2+ | | |
| B9 | TX2- | A9 | RX2- | | |
| B11 | TX3+ | A11 | RX3+ | | |
| B12 | TX3- | A12 | RX3- | | |
| GND GROUP | | | GND GROUP | | |
| A1,A4,A7,A10,A13 | | | A1,A4,A7,A10,A13 | | |
| B1,B4,B7,B10,B13 | | | B1,B4,B7,B10,B13 | | |

| | | | | | | | | | | | | | |
|-----------------------|-------|---|--------------|--|----------|---------|----------|-----------|-------|----------|---------|-------------|--|
| DataStorageCables.com | DESC. | 26CKT (HOST)/26CKT (TARGET) CABLE ASS'Y | | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE | 1 = 1 | UNIT | mm | |
| | P/N | C5656-5M-EQ | CUSTOMER P/N | | | | KU | | DATE | 12/15/06 | DWG NO: | DWG/RC/2218 | |

1 2 3 4 5 6 7 8 9