**3M™ Mini D Ribbon (MDR) Cable Assembly**

**.050” Twisted Pair Digital Transmission System - 26 to 26 Position**

- .050” MDR differential signal transmission interconnect
- Flexible twisted pair round cable with overall braid/foil shield
- Ribbon-type contact for reliable repetitive plugging/unplugging
- Quick release latches
- RoHS* compliant

---

### Physical

**Connector Contact Plating**

- **Wiping Area:** Wiping Area: 30 μ” [0.76 μm] Min. Gold
- **Shell Material:** Acrylonitrile Butadiene Styrene (ABC)
- **Cable Color:** Beige
- **Cable Jacket Material:** Polyvinyl Chloride (PVC)
- **Flammability:** AWM VW-1
- **Shell Color:** Beige

### Electrical

- **Voltage Rating:** 30 V
- **Current Rating:** 1 A
- **Insulation Resistance:** > 5 x 10^8 Ω at 500 Vdc
- **Withstanding Voltage:** 500 Vrms for 1 minute
- **Twisted Pairs**
  - **Characteristic Impedance:** 100Ω
  - **Conductor:** 28 AWG Stranded

### Environmental

- **Temperature Rating:** -20°C to +75°C
- **Flammability Rating:** N.E.C. 725, CL2

---

*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

**UL File No.: E86982**
3M™ Mini D Ribbon (MDR) Cable Assembly
.050” Twisted Pair Digital Transmission System - 26 to 26 Position
4926-01XX

Ordering Information

4926-01XX

Length
01 = 1 meter
02 = 2 meter
03 = 3 meter
05 = 5 meter
24 = 2 ft. (Special order)

Note: Call 3M for details on custom polarizing keys for receptacle and plugs.

Tolerance Unless Noted
<table>
<thead>
<tr>
<th>mm</th>
<th>[ Inch ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>± .1</td>
<td>± .10</td>
</tr>
<tr>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Dimensions for Reference only

3M is a trademark of 3M Company.
For technical, sales or ordering information call 800-225-5373

3M Interconnect Solutions
http://www.3M.com/interconnects/
Symbols Key:

100 ohm balanced twisted pair
Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

3M Electronics
6801 River Place Blvd.
Austin, TX 78726-9000
800/225-5373
www.3M.com/electronics

© 3M 2006