AirBorn is pleased to offer a complete line of MicroD (M-Series) high-reliability flex jumper cables to satisfy your board-to-board/box-to-box interconnect needs. The flex jumpers are shipped with hardware attached in a variety of configurations and range in length from 3” to 36” as standard. Longer lengths are possible on single- and double-sided flex applications. Rigid flex jumpers are also available beginning at 4” lengths***. Higher temperature solutions greater than 250°F are also an option. A variety of quick-turn, low-volume connector solutions are possible from straddle mount (SMT) to plated through-hole (PTH).

### M-Series Jumper

<table>
<thead>
<tr>
<th>Series</th>
<th>Body Style</th>
<th>Body Material</th>
<th>Size</th>
<th>Contacts</th>
<th>Hardware</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.060”</td>
<td>Two-row (Sizes 9-37)</td>
<td>Electroless nickel shell w/PPS insert</td>
<td>009</td>
<td>9 contacts</td>
<td>00</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Flex jumper assembly, straight with ears</td>
<td>Electrodeposited cadmium shell w/PPS insert</td>
<td>015</td>
<td>15 contacts</td>
<td>22</td>
<td>4 fixed jacknut assemblies</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21 contacts</td>
<td>021</td>
<td>25 contacts</td>
<td>41</td>
<td>4 turning jackscrews, allen head, retaining ring</td>
</tr>
<tr>
<td></td>
<td>31 contacts</td>
<td>025</td>
<td>37 contacts</td>
<td>031</td>
<td>37 contacts</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>37 contacts</td>
<td>037</td>
<td></td>
<td>49</td>
<td>PP and SS: 2 jackposts and 2 jackscrews on each connector</td>
</tr>
</tbody>
</table>

**Flex Material**

- Pyralux® AP Flex (Sn/Pb terminations)
- Pyralux® AP Flex (SAC305 terminations)

**Sampling Part Number Format:**

```
MMFX - 2JX - XXX - XXX - XXXX - XXXX
```

- **SERIES**: 0.060”
- **BODY**: Two-row (Sizes 9-37)
- **BODY STYLE**: Flex jumper assembly, straight with ears
- **BODY MATERIAL**: Electroless nickel shell w/PPS insert
- **CONTACTS**: 9 contacts
- **STYLE OF HARDWARE**: 00: None
- **OPTIONS**: KSXX: 4 turning jackscrews, receptacles supplied with interfacial sealing gasket. See keying options (KJ)
- **HARDWARE**: 22: 4 fixed jacknut assemblies
- **OPTIONS**: KPXX: 4 fixed jacks. Receptacles supplied with interfacial sealing gasket. See keying options (KN)
- **CONTACTS**: 21 contacts
- **STYLE OF HARDWARE**: 41: 4 turning jackscrews, allen head, retaining ring
- **OPTIONS**: 0900: Interfacial sealing gasket
- **CONTACTS**: 25 contacts
- **STYLE OF HARDWARE**: 48: PP and SS: 2 jackposts and 2 jackscrews on each connector
- **OPTIONS**: 49: PP and SS: 2 jackposts and 2 jackscrews on each connector
- **CONTACTS**: 37 contacts
- **STYLE OF HARDWARE**: 49: PP and SS: 2 jackposts and 2 jackscrews on each connector
- **OPTIONS**: 99: Keying hardware, See options below **

**Flex Length**:

- 36” (in increments of 1”)

† MMFX mates with MK, ML, MM, MN assemblies
‡ Option not ROHS compliant
* Consult factory for flex cable shape and materials modifications
** Keying hardware is factory-installed and non-removable
*** Length of rigid flex section is 2” on all rigid flex jumpers
**** Custom lengths are available
***** Straight and right angle through-hole connectors are custom orders

www.airborn.com
(512) 863-5585