Delivering durable and extra flexible PCB-connection solutions, standard and custom Premo-Flex™ Cable Jumpers are available in a variety of pitches, cable lengths, thicknesses and formats for use in virtually any industry.

The marketplace continues to demand new and smaller electronic devices that are rugged and reliable, while OEMs strive to maximize profit margins and get their products to market quickly. Premo-Flex™ capable jumpers offer an extensive range of custom and off-the-shelf options that enable designers to maximize PCB space, reduce component costs (e.g., by eliminating connectors with direct-to-board versions) and provide devices with reliable board-to-board connections.

### Standard Offerings

- **Series: 15266**
  - 0.5 mm 4" Type A 28 circuits

- **Series: 98266**
  - 0.5 mm 4" Type A 24 circuits

- **Series: 15166**
  - 0.5 mm 4" Type D 24 circuits

- **Series: 15020**
  - 0.5 mm 4" Type D 16 circuits

- **Series: 15015**
  - 0.3 mm 4" Type A 25 circuits

### Ordering Information

<table>
<thead>
<tr>
<th>Minimum Order Series</th>
<th>Pitch (mm)</th>
<th>Cable Thickness (mm)</th>
<th>Flex Life Cycles</th>
<th>Plating Materials</th>
<th>Temp Rating Max. °C</th>
<th>Circuits</th>
<th>Contact Layout Type</th>
<th>Cable Lengths</th>
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Minimum Order Quantity: 1000

Standard lengths 30mm up to 305mm

Custom Lengths available over 305mm
Custom Offerings

Shielded

Our shielded Premo-Flex cables offer EMI protection through two forms of shielding, foil or painted. The shielding can be grounded to multiple conductors specified by the customer. This grounding of the conductors is done by etching away the polyester jacket of the cable, exposing bare wire allowing it to come in contact with the shielding. In addition to this, we can provide custom printing on to shielding.

- 1mm tin plated, foil shielded FFC with conductors grounded to shield
- 0.5mm gold plated, foil shielded FFC with conductors grounded to shield
- 0.5mm tin plated, painted shielding
- .3mm 15015 series cable with custom shielding and custom printing

Notched

Our various notched FFC solutions offer a more secure connection than our standard cables that mate with our ZIF and LIF connectors. The attached sample shows the complete assembly of the Molex plug jacket and cover capability; this cable can be offered as a complete assembly or a stand-alone cable. For mating connector series, please contact Molex SE or Product Manager.

- .5mm exposed contact for component soldering capabilities
- .5mm gold plated, notched FFC with black PET jacket
- .5mm notched LVDS cable with plug jacket and cover

FFC Series: RFC / Hot Bar Solder / Component Soldering

RFC (Round Flat Cables) provides a cost effective way to connect one PCB to another by the elimination of a connector. However, if a connector is needed on one end, we can offer a hybrid solution which offers round contacts at one end for through-hole soldering, and flat connection at the other end, to fit a ZIF or LIF connector. Our RFC design delivers superior signal integrity and is resistant to vibration. In addition, two types of insulation (polyester and polyimide) with custom fold options available upon request. Hot bar solder cables also provides a durable connection by permanently affixing to a PCB but also adds almost limitless design options such as: circuit, length and pitch sizes.

- 2.0mm RFC Aramid insulation 125° Type C - through hole
- 2.54mm RFC skipped contact Polyimide insulation round throughout
- Custom folded hot bar solder
- 2.54mm RFC Polyester insulation - Hybrid - Type B
- Order No. 987651-6282 USA/0k/GF/2017.02