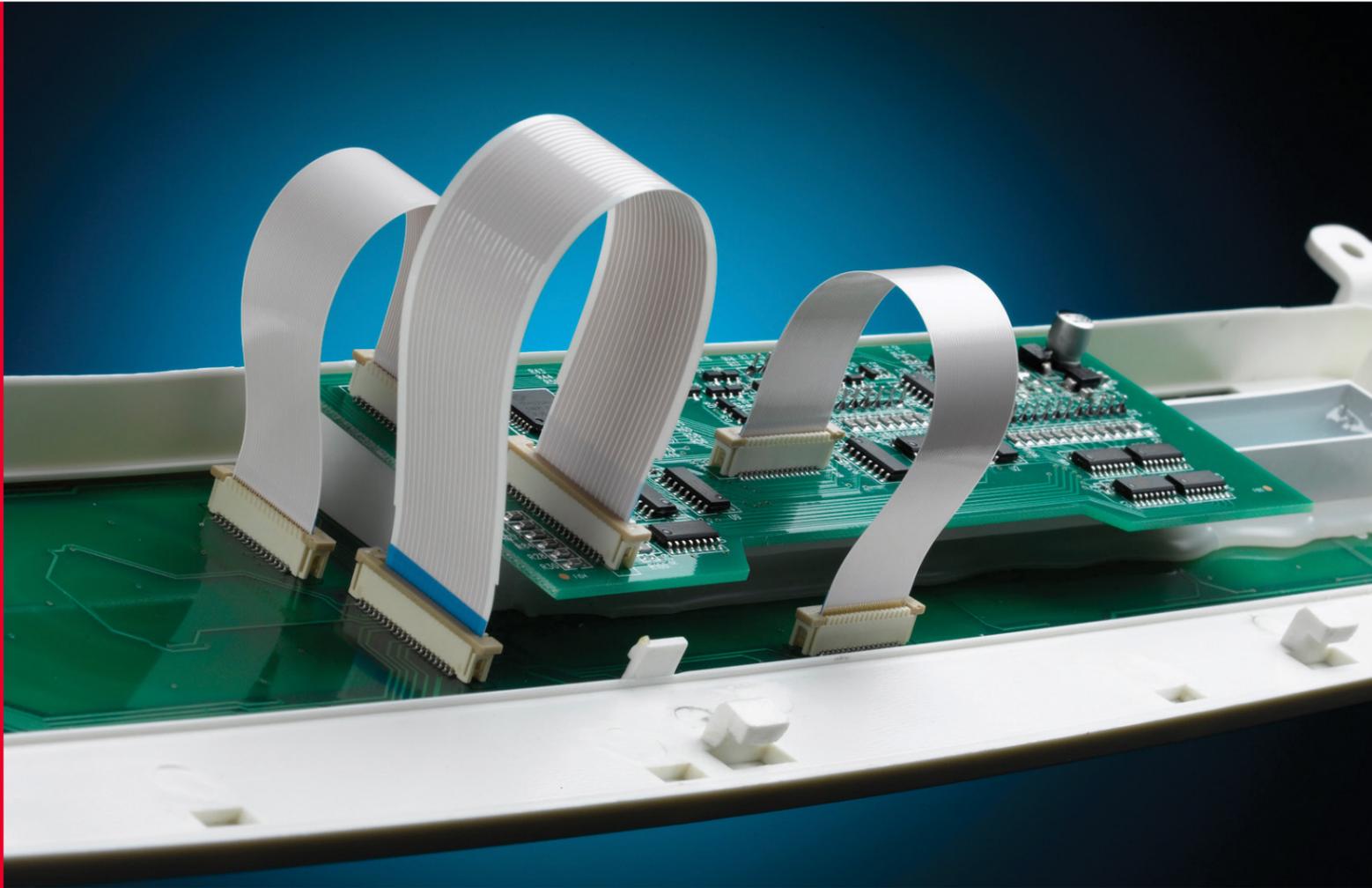


PREMO-FLEX > CABLE JUMPERS

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Premo-Flex Cable Jumpers >

Premo-Flex Cable Jumpers offer an extensive range of off-the-shelf and custom products that enable designers to maximize PCB space, reduce component costs, and provide reliable board-to-board connections.



Series: 15166
0.50mm 4" Type D 16 circuits



Series: 98266
0.50mm 4" Type A 16 circuits



Series: 15266
0.50mm 4" Type A 16 circuits



Series: 15020
0.50mm 4" Type D 16 circuits



Series: 15015
0.30mm 4" Type A 25 circuits

Minimum Order Series	Pitch (mm)	Circuits	Plating Material	Flex Life Cycles	Insulated Thickness (mm)	End Thickness (mm)	Temp Rating Max (°C)	Contact Layout Type	Cable Lengths (mm)
15166	0.50	6 to 50	Tin	2.5M	0.12	0.30	105	A (same side) or D (opposite side)	Standard Lengths 30 to 305 Custom lengths available.
15167	1.00	4 to 40							
15168	1.25	4 to 40							
98266	0.50	6 to 50		100K	0.22				
98267	1.00	4 to 50							
98268	1.25	4 to 40							
15266	0.50	6 to 50	Gold	10K	0.27	0.20	105	A	51, 102, 152, 203, 254
15267	1.00	4 to 40							
15268	1.25	4 to 40							
15020	0.50	6 to 50		10K+	0.12				
15039	1.00	4 to 40							
15049	1.25	4 to 40							
15015	0.30	23, 25, 27, 29, 33, 39, 45, 51	Gold	10K+	0.12	0.20	105	A	51, 102, 152, 203, 254

LVDS

Low-voltage differential signaling (LVDS) cables are designed to deliver robust and superior signal integrity performance over long distances and control impedance to 100 Ohms, making them ideal for applications such as large displays and high definition TVs. At 2 to 10 Gigabits per second (dependent on cable length), these cables deliver higher data speeds than standard FFC.

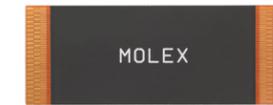


LVDS Series	Pitch(mm)	Circuits	Plating Material	Mates with Series	Notched	End Thickness (mm)	Temp Rating Max (°C)	Contact Layout Type	Cable Lengths (mm)
15021	0.50	15, 24, 33	Gold	502231, 502244	No	0.30	80	A	51, 102, 152, 203, 254. Custom Lengths available
15022	0.50	30, 50, 80		501786, 501864	Yes				
15023	0.50	41, 51		503908	Yes				

Custom Offerings >

Shielded

Premo-Flex shielded cables offer EMI protection through shielding options such as foil, painted and thermoset. The shielding is grounded to conductors by etching away the polyester jacket of the cable and exposing bare wire, allowing contact between the wire and shielding. Additionally, custom printing can be added to the shielded cable. Cables of any pitch can be shielded.



0.30mm Gold-plated, with custom shielding and custom printing (Series: 15015)



0.50mm Tin-plated, painted shielding



1.0mm tin-plated, foil shielding with conductors grounded to shield

FFC Series Availabilities

Premo-Flex delivers custom solutions every day by changing the circuit, length, and pitch size. Design options are limitless when this is considered with Premo-Flex's other custom solutions, including:

RFCs (Round Flat Cables) provide ideal electrical connections between PCBs and create cost savings by eliminating the need for connectors. However, if a connector is needed on one end, Molex can offer a hybrid solution with round contacts at one end for through-hole soldering, and flat contacts at the other end to fit a ZIF or LIF connector.

Hot Bar Soldered Cables provide a durable connection by permanently affixing to a PCB via direct soldering - eliminating the need for a connector. Hot bar solder delivers superior signal integrity that can withstand high vibration environments.

Folded Cables enable PCB connection solutions that meet challenging space and mobility requirements.

Notched Cables enable greater retention force.

Insulated Material Options such as polyester, polyimide and Aramid enable PCB connection solutions for unique temperature and environmental conditions.

Polyester Insulation is available in black or white color.

Component Soldering attaches thermistors, resistors directly to cable with optional protective cover film.



2.0mm RFC Aramid insulation 125° Type C - through hole



0.5mm gold plated, notched with black PET jacket

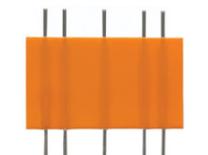
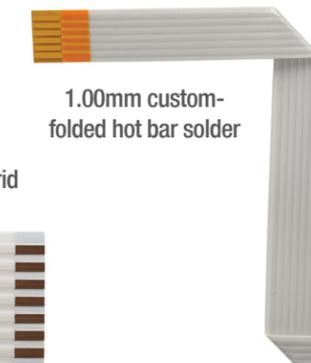
1.00mm exposed contact for component soldering capabilities



2.54mm RFC polyester insulation type B-hybrid



1.00mm custom-folded hot bar solder



2.54mm RFC skipped contact Polyimide insulation round contacts throughout