

1.27mm Flat Flex Jumper Cable



Female Locking to Male Long Solder Tab

PRODUCT DETAILS

The Flex Connection range of Flat Flex Jumper Cables are manufactured with Flexible Flat Cables (FFCs) produced by laminating tin plated copper conductors between 2 layers of tough, flexible flame retardant UL VW-1 rated polyester insulators. We terminate either end of the Jumper Cable with connectors from leading manufacturers such as Memcon, Tyco, Nicomatic and others. Flex Connection Jumpers provide high reliability and retention compared to traditional FFCs used with ZIF/LIF products with low contact resistance and high current options while maintaining a high level of flexibility.

FEATURES

- Highly Flexible
- Light Weight
- ± Extremely Thin
- Quality Design
- Suitable to Fold

APPLICATIONS

- Domestic Appliance
- Consumer Electronics
- Automotive Industry
- Medical Applications
- Telecommunications
- IT Equipment
- Cffice Equipment
- **Robotics**
- 🥞 Industrial

MATING CONNECTOR

DIMENSION OUTLINE







MATING PCB









CONTACT AND HOUSING OPTIONS











ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Housing Style	MH545 Locking and Polarised Standard Housing
Housing Material	Thermoplastic Glass Fibre UL94-VO
Contact Style	MFPFC547 High Insertion Force Contact and MFPSMC940 Long Male Solder Tab
Contact Material	0.20mm thick Phosphor Bronze
Pitch	1.27mm
Number of Conductors	4 to 30 ways as standard
Conductor Size	0.65mm (width) x 0.1mm thick tin plated copper
Conductor Rating	3A AC/Conductor
Operating Voltage	300V RMS
Dielectric Strength	3000V AC
Resistance	0.27 Ω/M

OTHER OPTIONS





BENDING







PART NUMBERING BREAKDOWN



Europe

O Unit 8 Campus Five Third Avenue Letchworth Hertfordshire SG6 2JF United Kingdom

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% T +44 1462 341125 ⊕ F +44 1462 677499 ☑ E sales@flexconnection.eu

North America

- 9 4500 Red Arrow Hwy Unit E Stevensville Michigan 49127 USA
- % T +1 269 408 8400 ⊕ F +1 269 593 5952 □ E sales@flexconnection.net

Hong Kong

2023 Flex Connection

Unit 5/6 6F Westley Square 48 Hoi Yuen Road Kwun Tong Hong Kong

 $\ oxdot$ E sales@flexconnection.asia

% T +852 3523 1884 ⊕ F +852 3747 8980

China

flexconnection alobal

O Unit 613A-615 Floor 6 Block A Commercial Bldg 99 Dahe Road Guanlan Long Hua District Shenzhen China

- % T +86 755 2798 1678 ⊕ F +86 755 2263 8887
- Avenida Cassiano Ricardo nº 601 Sala 61 Jd. Aquarius Ed. The One Office Tower São José dos Campos SP 12246-870 Brazil

Brazil

T +55 12 98321 8686