

Intelligent Engineering Innovative Manufacturing

MJM

industries, inc.



MOLDING AND POTTING

MJM Industries is a global leader in the design and manufacturing of custom over-molded cable assemblies, over-molded parts and potted components for all markets. From low to high volume, MJM Industries has the program to fulfill your requirements.

From concept to finished product, our staff ensures that your parts are manufactured to exacting standards. We offer a wide variety of encapsulating materials and connectors to meet your needs.

Molded Connector Options

- D-Subs
- Circular Connectors Metal/Plastic
- Mini Dins
- Ferrites
- Strain Reliefs
- Mil Spec

Molding Materials

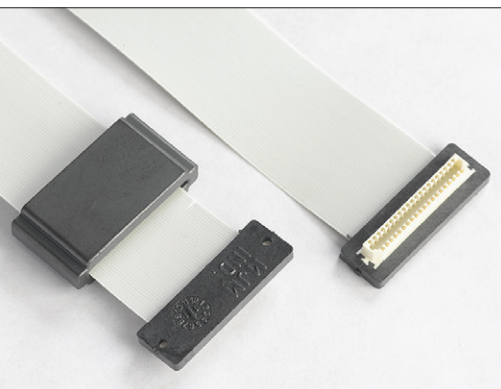
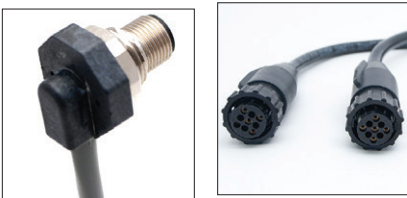
- PVC-Polyvinyl chloride
- TPV-Thermoplastic vulcanizate
- TPR-Thermoplastic rubber
- TPE-Thermoplastic elastomer
- LCP-Liquid crystal polymer
- Other materials available upon request

Potting

- Circuit Boards
- Connectors
- Switches
- Box Enclosures

Additional Features

- Logos



FLAT FLEX CABLE ASSEMBLIES

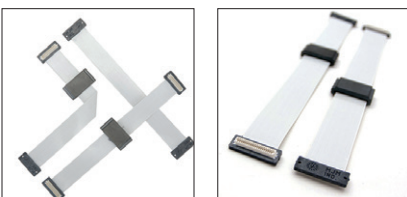
MJM Industries provides 31, 41, and 51 position Flat Flex Cable Assemblies for the flat panel display industry. Each connector is over-molded in a liquid crystal polymer to ensure the highest level of ingress protection for your application.

Standard Products

- FPDI-1 Flat Panel Display Institute
- VESA Video Electronic Standards Association
- LCP over-molded shell
- 31, 41 & 51 position male and female connectors
- 0.5mm pitch laminated polyester ribbon cable
- Optional ZIF ends
- One piece over-molded strain reliefs
- Custom length and fold options available
- Shielding, grounding, drain wire and ferrites available
- Connector orientation as required

Optional Features

- Ferrites
- Separated Lead Ends
- Foil Shields
- Specialty Pin-outs
- Selective Grounding
- Custom Cable Lengths
- Connectors: Hirose DF9-31, 41, & 51 position



MJM Industries, Inc.

Phone: 440.350.1230

Fax: 440.350.1360

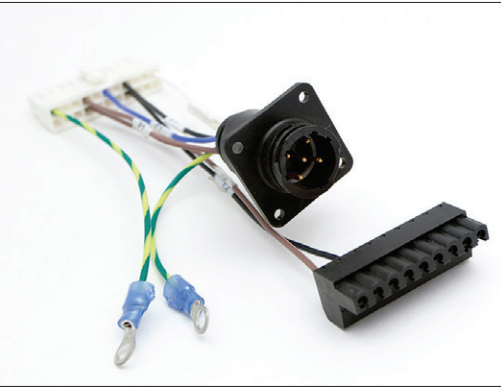
Visit: www.mjmindustries.com

Inquiries: sales@mjmindustries.com

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WIRE HARNESES & CABLE ASSEMBLIES

MJM Industries develops and manufactures wire harnesses and cable assemblies for all markets.

Our experience and manufacturing capabilities allows us to process various types of wire and cable with many types of terminations and connectors. Examples include: Flat and Round-Flat Ribbon Cable, Discrete Wire, Coaxial Triaxial Cable, Composite and Multi-Conductor Cable. Our automated and semi-automated equipment allows us to process UL and non UL types from 4/0 to 32 gauge.

Insulation

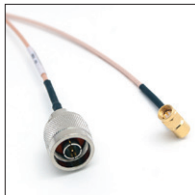
- Silicone
- Teflon
- PVC
- Hytrel
- Fiberglass
- Cross Link XLPE

Other

- Bonded
- Coiled
- Twisted Pair
- Fiber Optic

Standards

- UL
- Mil Spec
- Telecommunication
- Medical
- Automotive/Marine
- Industrial/Instrumentation



WIRE LEADS

MJM Industries has fully automated and semi-automated equipment to cut, strip and terminate any type of wire from 4/0 to 32 gauge.

Machine Processes

- Strip and retain
- Forming
- Hanking and coiling
- Windowing
- Terminate
- Twisting
- Wire Marking
- Labeling
- Slitting of Bonded Wires
- Coiling
- Wire Printing
- Resistance Welding

Insulation Types

- Mil Spec
- UL
- Silicone
- Teflon
- PVC
- Hytrel
- Fiberglass
- Cross Link XLPE

Conductor Types

- Top-Coat
- Pre-Bond
- Solid Strand
- Multi-Strand
- Copper / Tin Plate / Alloy

Additional Processes

- Solder Dip
- Heat Shrink
- Kitting

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