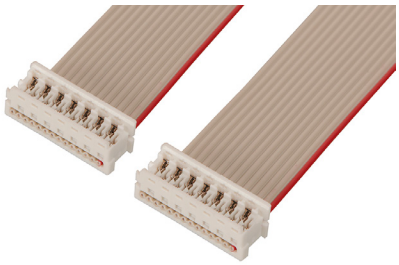
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Off-the-Shelf Picoflex Ribbon Cable Assemblies

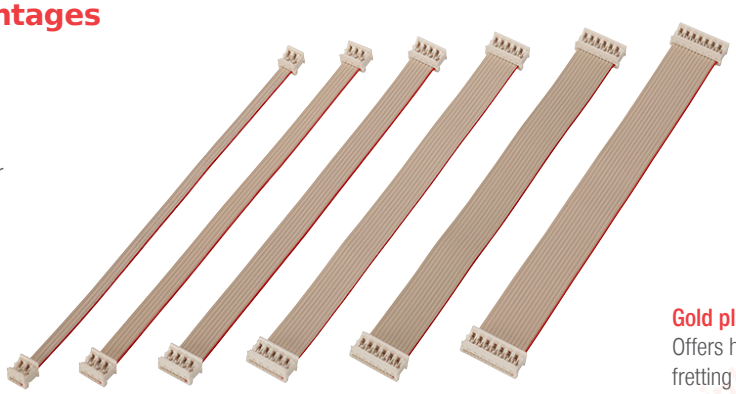
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Off-the-Shelf Picoflex Ribbon Cable Assemblies deliver a wide variety of standard lengths and circuit sizes. They are readily available and ideal for early project development



Picoflex Cable Assemblies

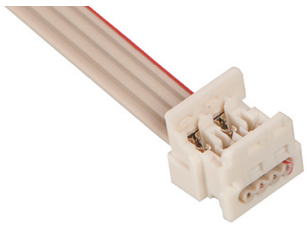
Features and Advantages



One-piece connector housing
Provides excellent cable retention for easy control of inventory

Gold plating option
Offers higher mating cycle and eliminates fretting in high-vibration applications

Dual-beam contacts
Provide 4 points of contact for each circuit at the mating interface for a reliable connection.





Termination windows and clearance slots
Allow for visual check after cable assembly build for enhanced quality

Ejection tooling slots
Ease unmating of cable assembly from header

Polarized connector
Avoids mis-mating between cable assembly and header



Insulation displacement Termination
Permits daisy chaining



Scalloped profile
Ensures precise positioning of the ribbon cable

Final seat slots
Provide locking mechanism between mated cable assembly and header

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Off-the-Shelf Picoflex Ribbon Cable Assemblies

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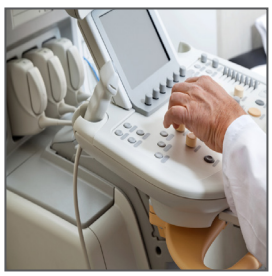
Applications

Consumer
- Satellite receivers
- Security systems
- Smart card readers
- Vending machines

Industrial / Industrial Automation
- Access controls
- Advertising displays
- Power supplies
- Security devices
- Solar
- Weighing systems

Medical
- Blood analyzer
- Patient monitors
- Portable heart monitor
- Testers

Sustainable Energy
- Solar converters
- Solar inverters



Patient Monitoring



Vending Machine



In-Car Entertainment

Specifications**

REFERENCE INFORMATION
Packaging: See Product Specs
UL File No.: E29179
CSA file No: LR19980
Mates With: Picoflex PF50 header
Receptacle Used: Series 90327
Designed In: Millimeters
RoHS: Yes
Halogen-Free: No
V-O: Yes
Glow-Wire Compliant: No

ELECTRICAL
Voltage (max.): 250V
Current (max.): 1.2A
Contact Resistance: 15 milliohms
Dielectric Withstanding Voltage: 750V AC applied to adjacent circuits for 1 min.
Insulation Resistance (min.): 1000 Megaohms

MECHANICAL
Contact Insertion Force: 1.7N (max)
Contact Retention to Housing: 7N (min)
Mating Force: 5.39N (max) per ckt.
Unmating Force: 0.25N (min) per ckt
Durability (min): 30 cycle

PHYSICAL
Pitch: 1.27 mm
Wire Gauge: 28 AWG
Housing: Polyester
Contact: Phosphor Bronze
Plating: Tin
Operating Temperature: -40 to +105°C

*** Information is based on Picoflex connector specifications*

Ordering Information

Series	Component	Circuits	Lengths (mm)
92315	Off-the-Shelf Picoflex Ribbon Cable Assemblies	4, 6, 8, 10, 12 and 14	80.00, 160.00, 240.00, 320.00, 500.00

Custom Product	Description
Contact Molex	Off-the-Shelf Picoflex Ribbon Cable Assemblies. Custom lengths and other options

www.molex.com/link/otscableassemblies.html

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Order No. 987652-2581 USA/0k/GF/2020.08

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