



CIRCULAR PLASTIC CONNECTORS STANDARD CABLE ASSEMBLIES

Circular Plastic Connector (CPC) cable assemblies are rugged, cost-effective connectors that can be used to provide power input and output to and from virtually any device. The use of CPC cable assemblies enables customers to reduce installation time, meet harsh and space saving requirements, design with high performance materials and speed up their go-to-market plans.

CPC standard cable assemblies will allow the customer to quickly and easily build and test their prototype applications with a tried and true product that has been in the market for nearly 50 years.

BENEFITS

- Provides safety measures with heat resistant, self-extinguishing material
- Intended for rapid prototyping
- Light weight and space savings for harsh environment applications (IP65/57 rating)

FEATURES

- Thermoplastic material
- Built-in pin and socket protection
- Removable contacts

Circular Plastic Connectors Standard Cable Assemblies

APPLICATIONS

- Industrial machinery
- Control cabinets
- Rail and transit systems
- HVAC equipment
- Communication equipment

MATERIALS

- **Housings:** Heat resistant thermoplastic. **Contacts:** Copper alloy with stainless steel retention spring. Gold over palladium-nickel over nickel plating in the mating area, tin over nickel plating in the wire crimp area.
- **Housings:** Heat resistant thermoplastic. **Contacts:** Copper alloy. Gold over nickel plating

MECHANICAL

- **Operating temperature:** -55 to 105°C **Mating cycles:** 500 max (gold or silver), 250 cycles (tin)

PRODUCT INFORMATION

	Size	Type	Plug	Description	Receptacle	Description
Series 1	11 to 4	STD	2386907	CPC Plug Connector Cable	2386899	CPC Free Hanging Receptacle Connector Cable
		REV	2386906	CPC Plug Connector Cable	2386908	CPC Square Flange Receptacle Connector Cable
	13 to 7	STD	2387101	CPC Plug Connector Cable	2387114	CPC Square Flange Receptacle Connector Cable
	13 to 9	STD	2387116	CPC Plug Connector Cable	2387118	CPC Square Flange Receptacle Connector Cable
	14 to 14	REV	2387121	CPC Plug Connector Cable	2387120	CPC Square Flange Receptacle Connector Cable
	17 to 9	REV	2387122	CPC Plug Connector Cable	2387123	CPC Square Flange Receptacle Connector Cable
	17 to 16	STD	2387124	CPC Plug Connector Cable	2387125	CPC Square Flange Receptacle Connector Cable
	23 to 24	STD	2387126	CPC Plug Connector Cable	2387127	CPC Square Flange Receptacle Connector Cable
	23 to 37	STD	2387129	CPC Plug Connector Cable	2387130	CPC Square Flange Receptacle Connector Cable
Series 2	11 to 8	REV	2387131	CPC Plug Connector Cable	2387132	CPC Square Flange Receptacle Connector Cable
	11 to 9	STD	2387133	CPC Plug Connector Cable	2387134	CPC Square Flange Receptacle Connector Cable
	17 to 28	REV	2387135	CPC Plug Connector Cable	2387136	CPC Square Flange Receptacle Connector Cable
	23 to 57	REV	2387137	CPC Plug Connector Cable	2387138	CPC Square Flange Receptacle Connector Cable

REV = Reverse Sex | STD = Standard Sex

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ELECTRICAL

- **Series 1 - Standard density:** signals up to 13A, 600V
- **Series 2 - High density:** signal only, 250V

STANDARDS

- **Contacts and housing components:** UL recognized, CSA certified

SPECIFICATIONS

- **Product specification:** [108-10024](#) connectors, [108-10042](#) contacts. **Application specification:** [114-10038](#)
- **Product specification:** 108-11024 and [108-10024-3](#). **Application specification:** [114-10038](#)
- **Product specification:** [108-10024](#) and [108-10024-4](#) connectors, [108-10037](#) contacts. **Application specification:** [114-10038](#)

Mouser Electronics

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TE Connectivity:

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[3](#) [2387122-3](#) [2387123-3](#) [2387124-3](#) [2387125-3](#) [2387126-3](#) [2387127-3](#) [2387129-3](#) [2387130-3](#) [2387131-3](#)
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