



## 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	<a href="#">2386907</a>	CPC Plug Connector Cable	<a href="#">2386899</a>	CPC Free Hanging Receptacle Connector Cable
		REV	<a href="#">2386906</a>	CPC Plug Connector Cable	<a href="#">2386908</a>	CPC Square Flange Receptacle Connector Cable
	13 to 7	STD	<a href="#">2387101</a>	CPC Plug Connector Cable	<a href="#">2387114</a>	CPC Square Flange Receptacle Connector Cable
	13 to 9	STD	<a href="#">2387116</a>	CPC Plug Connector Cable	<a href="#">2387118</a>	CPC Square Flange Receptacle Connector Cable
	14 to 14	REV	<a href="#">2387121</a>	CPC Plug Connector Cable	<a href="#">2387120</a>	CPC Square Flange Receptacle Connector Cable
	17 to 9	REV	<a href="#">2387122</a>	CPC Plug Connector Cable	<a href="#">2387123</a>	CPC Square Flange Receptacle Connector Cable
	17 to 16	STD	<a href="#">2387124</a>	CPC Plug Connector Cable	<a href="#">2387125</a>	CPC Square Flange Receptacle Connector Cable
	23 to 24	STD	<a href="#">2387126</a>	CPC Plug Connector Cable	<a href="#">2387127</a>	CPC Square Flange Receptacle Connector Cable
	23 to 37	STD	<a href="#">2387129</a>	CPC Plug Connector Cable	<a href="#">2387130</a>	CPC Square Flange Receptacle Connector Cable
Series 2	11 to 8	REV	<a href="#">2387131</a>	CPC Plug Connector Cable	<a href="#">2387132</a>	CPC Square Flange Receptacle Connector Cable
	11 to 9	STD	<a href="#">2387133</a>	CPC Plug Connector Cable	<a href="#">2387134</a>	CPC Square Flange Receptacle Connector Cable
	17 to 28	REV	<a href="#">2387135</a>	CPC Plug Connector Cable	<a href="#">2387136</a>	CPC Square Flange Receptacle Connector Cable
	23 to 57	REV	<a href="#">2387137</a>	CPC Plug Connector Cable	<a href="#">2387138</a>	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](#)