

## UV-RESISTANT SEALED CIRCULAR PLASTIC CONNECTORS (CPC)

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### APPLICATIONS

- Outdoor applications with UV and water exposure; such as alternative energy & wireless transmission
- Water exposure
- Energy management systems
- Power generators
- Agricultural equipment
- Construction equipment
- Outdoor industrial scales
- Weighing

### MECHANICAL

- Sealing capability per IP67 rating

### ELECTRICAL

- UL voltage rating
  - Series 1 & 6 – 600 V (AC or DC)
  - Series 5 – 250 V (AC or DC)

### MATERIALS

- Rated F1 per UL requirements for UV resistance
- Flammability rating: UL 94V-0 rated

### SPECIFICATIONS

- UL recognized (File No. E28476)
- Operating temperature range
  - -55°C to +105°C  
[-67°F to +221°F]



### KEY FEATURES

- F1 rated material withstands UV exposure per industry standards, prolonging equipment life
- IP67 sealing capability allows equipment usage in wet locations without added cost of supplemental enclosure
- Circular design maximizes contact density, lowering equipment space requirements for power and signal interconnections
- Fluid resistance against diesel fuel, gear and engine lubricants, gasoline, anti-freeze, hydraulic fluid, and water

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### PRODUCT OFFERING

Part Number	Description
<b>SERIES 1: SIGNAL</b>	
1977876-1	Panel Mount Receptacle Housing, 11-4, Standard Sex
1977877-1	Free Hanging Receptacle Housing, 11-4, Standard Sex
1977878-1	Plug Housing, 11-4, Standard Sex
1977879-1	Panel Mount Receptacle Housing, 11-4, Reverse Sex
1977880-1	Free Hanging Receptacle Housing, 11-4, Reverse Sex
1977881-1	Plug Housing, 11-4, Reverse Sex
1977882-1	Panel Mount Receptacle Housing, 13-9, Standard Sex
1977883-1	Free Hanging Receptacle Housing, 13-9, Standard Sex
1977884-1	Plug Housing, 13-9, Standard Sex
1977885-1	Panel Mount Receptacle Housing, 23-37, Standard Sex
1977886-1	Free Hanging Receptacle Housing, 23-37, Standard Sex
1977887-1	Plug Housing, 23-37, Standard Sex
<b>SERIES 5: POWER</b>	
1977888-1	Panel Mount Receptacle Housing, 17-3, Reverse Sex
2267081-1	Free Hanging Receptacle Housing, 17-3, Reverse Sex
1977889-1	Plug Housing, 17-3, Reverse Sex
<b>SERIES 6: POWER &amp; SIGNAL (HYBRID)</b>	
1977890-1	Panel Mount Receptacle Housing, 23-16, Standard Sex
1977891-1	Free Hanging Receptacle Housing, 23-16, Standard Sex
1977892-1	Plug Housing, 23-16, Standard Sex
<b>Cable Clamps</b>	
2267393-1	Cable Clamp Kit, Standard Size, Shell Size 11
2267264-1	Cable Clamp Kit, Standard Size, Shell Size 13
2267394-1	Cable Clamp Kit, Standard Size, Shell Size 17
2267395-1	Cable Clamp Kit, Standard Size, Shell Size 23

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