

# ONE CONNECTOR, ENDLESS POSSIBILITIES

TE Connectivity's Circular Plastic Connectors (CPCs) offer a flexible and dependable solution for a wide range of applications. Designed to simplify system architecture, CPCs combine power and signal in a single connector platform, supporting streamlined designs and consistent performance.

With a comprehensive portfolio of accessories, CPC solutions help ensure secure, sealed, and adaptable connection unlocking endless possibilities for how and where you connect.

## **Applications:**



Industrial machinery



Rail/transit systems



HVAC and building equipment



Factory automation



Medical instrumentation



Lighting & signage



Material handling equipment



Motor vehicles and off-road equipment



Communication & networking

#### What sets CPC apart:

- Combine power and signal in one connector
- Perform reliably in harsh environments
- Support IP65/IP67 sealing for protection
- Enable fast, tool-free installation
- Simplify field repairs with serviceable components
- Reduce cost with lightweight, all-plastic shells
- Expand functionality with a wide range of accessories



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### Accessories: The Key to Endless Possibilities

Accessory	Cable Clamps	Flexible Cable Boots	Internal Cable Grips	Keying Plugs	Panel Mount Flanges	Sealing Caps	Dust Caps	Heat Shrink Tubing Seals	Rubber Boots	Heat Shrink Boots	Cable Entry Seals
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Function	Secure cable to connector	Protect cable bend radius	Grip cable inside connector	Prevent mismating	Mount connector to panel	Seal unused connectors	Protect contacts from debris	Seal cable entry	Flexible environmental seal	Shrink-fit environmental seal	Seal cable entry points
Key Benefits	Prevents strain and disconnection	Enhances longevity in tight spaces	Enhances longevity in tight spaces	Ensures correct connections	Simplifies installation	Maintains IP rating	Ideal for storage and transport	Adds waterproofing and strain relief	Withstands vibration and moisture	Compact and secure	Prevents ingress of dust and water

#### **Smart selection made simple**



Find your relevant components and combine them in the <u>Circular Plastic Connector (CPC)</u> <u>Selector Tool</u>. The tool will assist you in selecting your specifications and will generate a Component Bill of Material (BOM), which you can use to order your components from TE Connectivity or relevant partners.

## Ready to build a better connection?

Explore our full <u>CPC catalog</u> or <u>contact</u> <u>our team</u> to spec the right solution for your application.



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