

# Introducing...



## AMP Circular Plastic Connectors (CPC) Series 45 Ethernet

### DESCRIPTION

• This new series of CPC products accepts RJ45 inserts. The same CPC performance interface that is widely accepted over many markets has been expanded to handle Ethernet communications through Category 5 and 5e requirements.

### **KEY FEATURES**

- For Category 5 and 5e cables
- Sealing performance per IP 67
- Protective sealing cap available for the receptacles
- Positive lock coupling ring provides for reliable connections

### **STANDARDS & SPECS**

- Design Objective: 108-2203
- Instruction Sheets: 408-8949 408-8950 408-8951 408-10091

#### **APPLICATIONS**

- Industrial machinery, Diagnostic equipment, Communications equipment, Printers, and any potential application where Ethernet is used when the connector requirement calls for a sealed, rugged connector interface.
- Available pass-through and field installable receptacle styles
- Unshielded product offerings
  - Application Specification: 114-13137

### AMP Circular Plastic Connectors (CPC) Series 45 Ethernet

### ELECTRICAL

### MECHANICAL

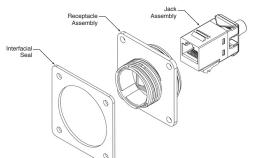
- Meets TIA/EIA-56-B.2 Category 5 requirements
- Positive lock coupling ring
- Polarized for proper mating between connector halves

### MATERIALS

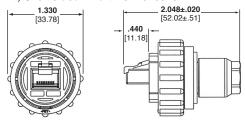
- UV resistant and UL 94V-0 housing material
- Operating temperature: -55°C to +105°C [-67°F to +221°F]

### **PRODUCT DIMENSIONS & PRODUCT OFFERING**

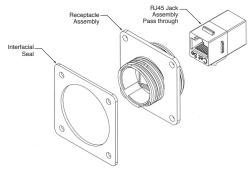
Receptacle Kit, Wire Terminated, Unshielded - Part No. 1546877-1



Plug Kit, Unshielded - Part No. 1546876-1



Receptacle Kit, Pass-through RJ45/RJ45 - Part No. 1776186-1



**Receptacle Sealing Caps** Part No. 208652-1 (w/beaded chain) Part No. 207445-1 (w/plastic strap) .360 [9.14]· Rivet Material: Carbon Steel Finish: Zinc Plate w/ .215±.010 Clear Chromate 86: Dia 1.278±.015 Sealing Cap [32.46±0.38] Material: Thermoplastic Color: Black 3.000±.030  $3.000 \pm .030$ [76.20±0.76] [76.20±0.76] Bead Chain Mounting Strap Material: Brass Sealing Gasket -Material: Elastomer Color: Black Material: Thermoplastic Finish: Nickel Plate Color: Black

### FOR MORE INFORMATION

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