

# 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.

#### **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.

### **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
- Available pass-through and field installable receptacle styles
- Unshielded and shielded product offerings

#### STANDARDS & SPECS

Design Objective: 108-2203
 Application Specification: 114-13137
 Instruction Sheets: 408-8949 408-8950 408-10091

#### FOR MORE INFORMATION

Internet:

www.tycoelectronics.com

E-mail: newproducts@ tycoelectronics.com

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803 South America: 55-11-2103-6000 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-208-420-8341





#### **ELECTRICAL**

• Meets TIA/EIA-56-B.2 Category 5 requirements

#### **MATERIALS**

• UV resistant and UL 94V-0 housing material

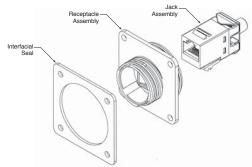
#### **MECHANICAL**

- · Positive lock coupling ring
- · Polarized for proper mating between connector halves
- Operating temperature: -55°C to +105°C [-67°F to +221°F]

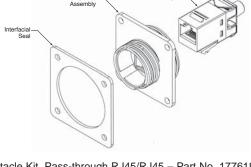
Receptacle Kit, Shielded Pass-through RJ45/RJ45 - Part No. 1986172-1

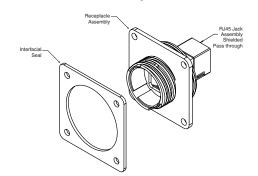
## **PRODUCT DIMENSIONS & PRODUCT OFFERING**

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

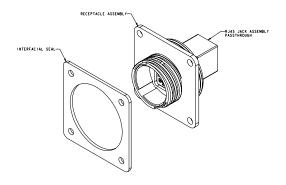


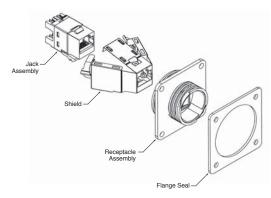
Receptacle Kit, Pass-through RJ45/RJ45 - Part No. 1776186-1



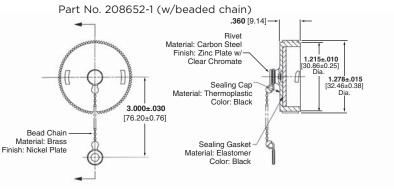


Receptacle Kit, Wire Terminated, Shielded - Part No. 1546908-1





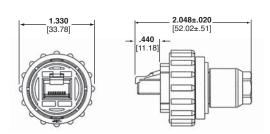
Receptacle Sealing Caps Part No. 207445-1 (w/plastic strap) 3.000+.030 [76.20±0.76] Mounting Strap Material: Thermoplastic Color: Black



Plug Kit, Unshielded -

Plug Kit, Shielded -

Solid Wire, Part No. 1546876-1 Stranded Wire, Part No. 1546876-2 Solid Wire, Part No. 1546907-1 Stranded Wire, Part No. 1546907-2





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