

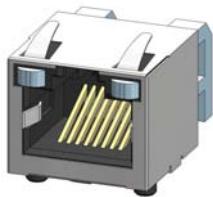
*Now you're connected!*

#### About Amphenol Commercial Products

Amphenol's commercial connector products are used in a variety of end user applications including networking, telecom, server & computer, storage & HDD, consumer electronics and entertainment, professional audio & Industrial & Military/Aerospace.

#### Related Products

##### RJSSE

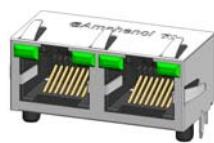


P/N RJSSE-5381 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH SHIELD AND LIGHT PIPE

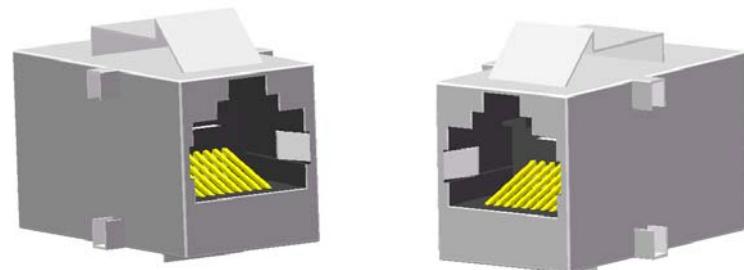
##### RJHSE



P/N RJHSE-3081 SHOWN  
SINGLE PORT VERTICAL MOUNT,  
NO SHIELD, WITH LEDs



P/N RJHSE-5385-02 SHOWN  
TWO PORT REGULAR MOUNT,  
WITH SHIELD AND LEDs



P/N RJE17-288-1X13 SHOWN

#### Overview

This product specification defines the general use and performance parameters for Amphenol's RJE17 series of modular couplers.

Availability: 2 ports adapter available .

#### Usage

The RJE17 series of modular jacks meet CAT5e performance per EIA-568-C.2. It supports Gigabit Ethernet Protocols. Shielding available for increased EMI performance.

#### Applications

Intended for use in applications such as:

##### Networking & Telecom

- Wireless (WiMAX)
- Network servers
- Hubs, routers, switches

##### Office & Home Equipment

- PC's, Laptops, Copiers/Printers
- Telephones, modems
- Surge Protectors
- ATMs, Vending Machines

##### ■ Security Systems

- Set Top Boxes
- Video Game Systems

##### Miscellaneous

- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

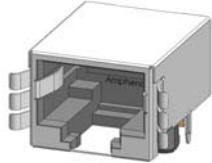
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## Related Products

### RJULE

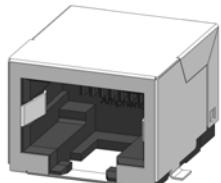


### FRJAE

P/N FRJAE-418 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH FERRITE FILTER AND  
SHIELD (FRONT TABS)



### RJLSE



## Electrical Characteristics

Contact resistance:	20 mΩ max.
Insulation resistance:	500 MΩ minimum at 500V DC for 2 minutes max.
Current rating:	1.5 Amps
Voltage rating:	125 Volts AC
DWV	1000 VAC, 60 Hz. 1 min.

## Mechanical Characteristics

Mating connector insertion force: 5.0 lbs. Maximum.  
Mating connector pull retention force: 20 lbs Minimum.  
Durability: 750 mating & unmating cycles  
Operating temperature: -40° C to +70° C  
Storage temperature: -40° C to +85° C

## Material Requirements

RJE17 connectors are RoHS compliant.  
Unless otherwise specified, the materials for each component shall be:

### Insulator:

- Engineering thermoplastic. Complies with UL 94V-0, Black color

### Contacts:

- Phosphor Bronze hard temper with several gold thickness options over 50µ" minimum Nickel on contact mating area.(refer to drawings)

### Shield:

- Stainless steel

## Available Documents

### Drawing Numbers:

P-RJE17-288-1X13

CAT5e Modular Coupler, 8 Position, with Shield, inner solder tail with tin plating.

P-RJE17-288-1X14

CAT5e Modular Coupler, 8 Position, with Shield, inner solder tail with gold flash plating.

Contact factory or Authorized Amphenol representative for additional configurations.