

RJE17 Modular Coupler

Product Specification S6061C Rev 2.2

Amphenol

Now you're connected!

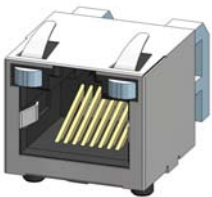
About Amphenol

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

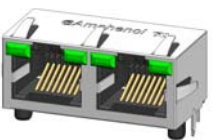


P/N RJSSE-5381 SHOWN
SINGLE PORT, 8 POSITION,
WITH SHIELD AND LIGHT PIPE

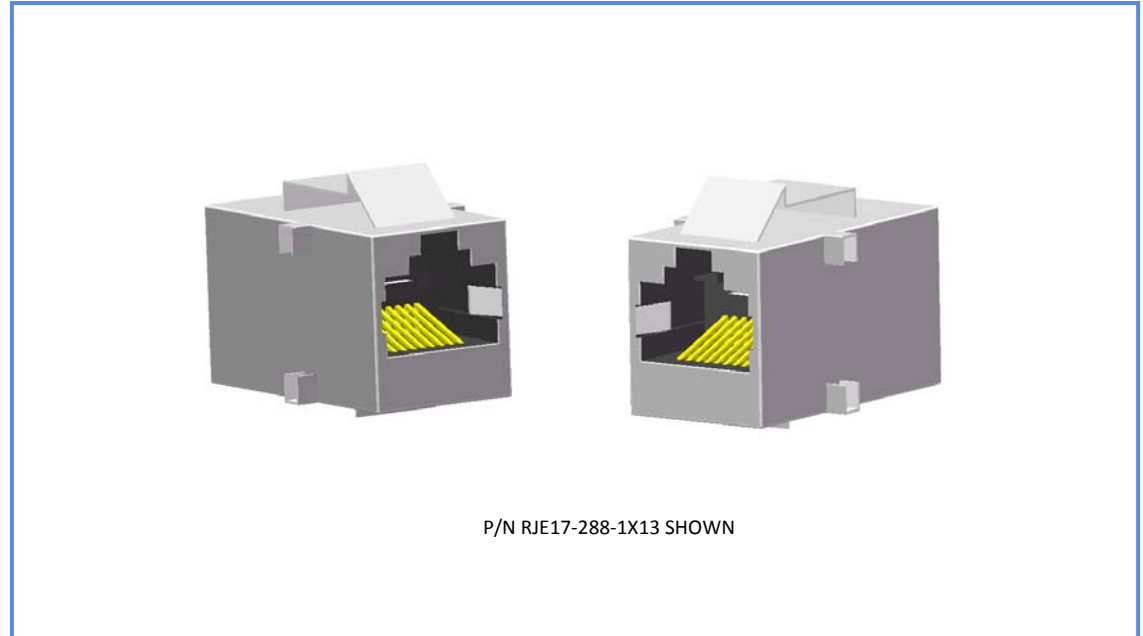
RJHSE



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

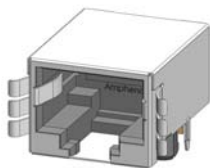
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Related Products

RJLE

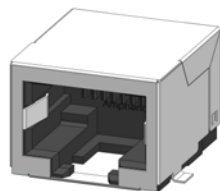


FRJAE

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.