



## Cat5E Shielded Internal Ground - Pass Through RJ45 (Jar of 50)

S45-1050

SKU: 165169    UPC: 817777017786

**Simply45** Shielded Internal Ground Pass Through RJ45 Modular Plugs for 24AWG Solid (Cat5e STP), 28-26AWG Stranded (Cat5e/6/6a STP Stranded), Wire Conductors 0.95 1.05mm/ 0.037" 0.041", Max Cable OD 6.5mm (0.255"), UL94 V0 Commercial Rated, Blue Tint- 50pcs/Plastic Jar

**Simply45** is the industry-leading brand for RJ45 modular plug innovation and performance solutions.

The S45-1550 shielded with internal ground pass through RJ45 modular plugs incorporate the following features:

**Single Piece Design.** The S45-1550 is a single piece fully shielded with internal ground pass through RJ45 modular plug for shielded (STP) LAN cables. No-load bar required. Supports performance standards: ANSI/TIA 568.2-D for Cat5e; ISO/IEC 11801 Class D; and applicable patch cord standards for Cat6a, Cat6, and Cat5e.

**3 Prong Pin Design with 50µ of True 24ct Gold Plating.** All **Simply45** pass through RJ45 modular plugs uses only 50µ 24ct gold plated 3-Prong pin design instead of a 2-Prong design as found on most other pass-through RJ45 modular plugs. A 3-Prong pin provides 3 points of contact with the copper wire conductor instead of 2. This improves electrical performance and signal integrity. A 3-prong pin also holds stronger onto the wire conductors.

**Solid and Stranded LAN Cables.** The S45-1550 is ideal for most Cat5e STP (shielded twisted pair) solid 24 AWG LAN cables up to 1.05mm (0.041"). The S45-1550 also works great with stranded shielded LAN cables such as used on patch cords/leads. The S45-1550 works with most 28-26 AWG (0.95mm 1.05mm) stranded shielded Cat6a, Cat6 and Cat5e stranded shielded LAN cables.

**Straight-Line Wire Insert.** LAN cable wire conductors are easily inserted in a straight-line arrangement out through the front of the RJ45 pass through modular plug. The S45-1550 accommodates 24 AWG Solid and 28-26 AWG stranded LAN cable wire conductor sizes 0.95mm 1.05mm (0.037 0.041") with a maximum LAN cable OD of 6.5mm (0.255"). For larger shielded STP wire conductor sizes or larger LAN cable OD found on Cat6 STP and Shielded 10G LAN cables, please refer to our **Simply45** part S45-1755P.

**Improved Crosstalk Performance.** The unique internal design of the S45-1550 pass through RJ45 modular plug allows the LAN cable to be inserted further into the RJ45 plug. This reduces the length of untwisted wires improving NEXT performance. The S45-1550 accommodates most Cat5e STP LAN cables. If your shielded LAN cable has larger wire conductor OD than the typical Cat5e shielded STP, we recommend using our part S45-1755P shielded pass through RJ45 modular plugs.

**Commercial Rated.** These RJ45 mod plugs are UL94 V0 (IEC 60695-11-10) rated for all commercial installations. These RJ45 mod plugs are the recommended for CMP Plenum, CMR, CM; and LSZH up to B2ca rated LAN cables.

Dimensions (in/mm): 2.6 x 2.6 x 3.3 in / 65 x 65 x 8 mm