



ProSeries Cat6/6a STP Shielded External Ground - Pass Through RJ45 (Pack of 50)

S45-1750P

SKU: 170804 UPC: 81777701883

Simply45® the industry-leading brand for RJ45 modular plug innovation and performance solutions introduces our ProSeries Shielded with External Ground Pass-Through RJ45 Modular Plug, S45-1750P. The uniquely designed and patented Simply45® ProSeries S45-1750P simplifies and improves the terminated plug performance for shielded Cat6/6a LAN cables. The Simply45® ProSeries S45-1750P Pass-Through RJ45 modular plugs are by far the highest performing, easiest to use, and most cost-effective way to professionally terminate Cat6 Shielded STP and Cat6a F/UTP LAN cables.

Two-Piece Plug. We tried all that we could to use a one-piece design, but it proved too difficult to work with during the testing trials. As such, we separated the metal shell shield from the RJ45 body. This allowed us to make additional modifications and the result is a dramatically improved termination process that is faster and easier to use. Separating the plug body from the metal shield allows the large diameter 10G LAN cables to be inserted further into the plug. This is a significant advancement in RJ45 design because this feature improves NEXT performance by reducing the length of untwisted wires inside the plug. Please refer to our Technical Bulletin "It's All About Those Twists" for more information on how this feature raises RJ45 performance.

Bar45® Load Bar. The exclusive Simply45® Bar45® are load bars designed to match specific Simply45® RJ45 modular plugs to improve termination performance and SIMPLIFY the termination process. The innovative S45-1750P Bar45® is the easiest to use load bars ever made for larger shielded LAN cables such as Cat6 STP and Cat6a F/UTP with PE insulated wires.

Cap45® (PATENT: 10,811,831 B1). Cap45® is an isolation cap/bar that snaps onto the front of the pass-through RJ45 plug after termination, covering the exposed wire ends. Cap45® is fast and easy to use. Fits all compliant RJ45 sockets. With Cap45®, any electrical risks associated with pass-through RJ45 modular plug exposed wire ends are now eliminated completely. Learn more about Cap45® in our ProSeries Product Line discussion. If you don't want to use Cap45®, no problem. It will not affect plug performance. You just won't have the Cap45® benefits.

High/Low Staggered Wire Insert. LAN cable wire conductors are easily inserted into the S45-1750P in a Staggered High/Low wire arrangement out through the front of the RJ45 pass-through modular plug. The S45-1750P is recommended for Cat6/6a shielded LAN cables. It accommodates PE insulated wires. Wire conductor sizes for 23 AWG Solid from 1.10mm to 1.20mm (0.043"- 0.047").

Improved Crosstalk Performance. The S45-1750P incorporates an exclusive and unique combination of features that work together to improve the Crosstalk performance of the shielded pass-through RJ45 modular plug. No other shielded pass-through RJ45 performs as well as the S45-1750P. These innovative features include a revolutionary plug design, the Bar45® load bar, and Cap45®. The S45-1750P ProSeries plug is a MUST HAVE for terminating shielded Cat6/6a LAN cables.

UL Listed. The S45-1750P pass-through RJ45 modular plugs are UL Listed and bear the UL Logo on the Simply45® packaging. Only Simply45® provides the UL Listed logo for quality and safety on pass-through RJ45 modular plugs. UL is the strictest 3rd party verification service in the world and products bearing the UL mark represent the highest quality and safety standards.