

25 AND 50 PAIR PROTECTOR BLOCK

LEA Networks Connectivity Solutions
5 Pin Protector Panel Custom Components



PRODUCT DESCRIPTION

LEA Networks 25 and 50 pair protector blocks provide high speed primary protection connectivity for custom designed panels, and are ideally suited for Enterprise, Central Office, or Remote Terminal Cabinets. LEA has re-engineered the traditional protector block to respond to modern transmission requirements in a highly flexible design.

The protector blocks are the foundation for **Cat5 SmartWired**® panel systems. The socket terminals are designed and positioned to minimize the tip to ring wire wrap pin distance. This maximizes adjacent pair to pair spacing, optimizing transmission performance. The large space between adjacent rows allows wires to be routed away from the tip/ring groups, preventing crosstalk between the wire pairs and tip/ring wire wrap pins. This unique design is an industry first.

Integrated wire-routing rings reinforce proper pair routing during production and maintain wiring control during higher product assembly. This capability is also unique to our block.

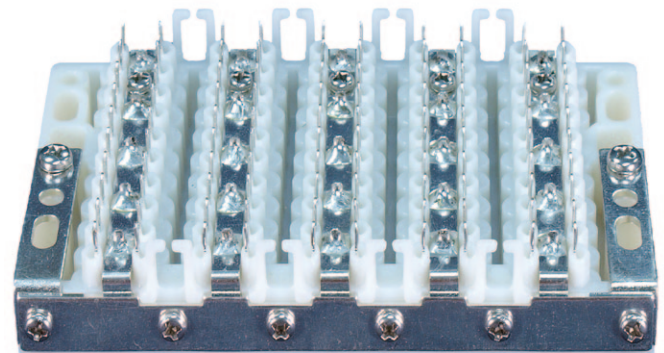
FEATURES & BENEFITS

- Universal multi-position mounting hole pattern
- *Cat5 Smartwired*®
- FEA optimized plastic base design
- Solid copper grounding system
- Multiple bonding points
- Plastic base material UL94 V-0 rated
- All stainless steel hardware
- Little or no redesign required for existing sheet metal. Designed to be a drop-fit replacement for most legacy manufacturers units
- Block is designed from the ground up for reduced crosstalk and insertion loss
- Modern design minimizes plastic usage, weighs up to 20% less than legacy units
- Maximizes fault handling; end bar is equivalent to 6AWG
- Direct panel mount ground bond, discrete ground wire bond, and daisy chain connections easily adopted.
- Ensure facility and personnel safety
- Corrosion resistant for long term performance



All ground bars are solid copper and sized to exceed Telcordia and UL requirements. Multiple mounting options and fastener locations allow for minimal or no redesign to existing panels and cabinets. The blocks mount from the inside for a clean panel design, and can be fastened using panel studs or screws. A snap-to-size 6AWG equivalent copper ground strap is available for multiple block bonding.

Combined with LEA Networks high speed protector modules, the block system gives future-proof protection and performance for POTS, T1, ADSL2+, VDSL2 and Ethernet based services.



25 AND 50 PAIR PROTECTOR BLOCK

LEA Networks Connectivity Solutions

5 Pin Protector Panel Custom Components



	Pair Count	Socket Plating	Dimensions	Weight
900010-T	25 Pairs	Electro Tin	4.50" x 2.67" x .84"	0.38 lbs.
900010-G	25 Pairs	Gold	4.50" x 2.67" x .84"	0.38 lbs.
900011-T	50 Pairs	Electro Tin	8.31" x 2.67" x .84"	0.75 lbs.
900011-G	50 Pairs	Gold	8.31" x 2.67" x .84"	0.75 lbs.

