PROTPNL50 & PROTPNL100

LEA Networks Connectivity Solutions
50 and 100 Pair Rack Mount Protector Panels
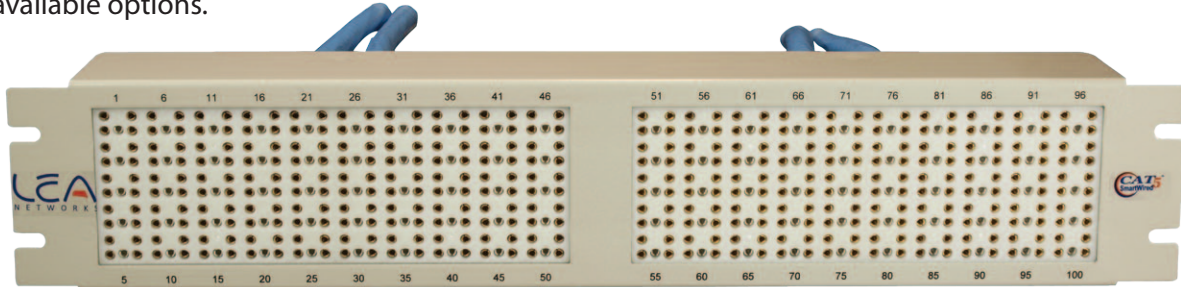Line and Equipment Customized Cables

PRODUCT DESCRIPTION

LEA Networks PROTPNL50 AND PROTPNL100 Protector Panels provide high speed primary protection for up to 100 pairs, and are ideally suited for Enterprise, Central Office, or Remote Terminal Cabinets. LEA has re-engineered the traditional protector panel to respond to modern backhaul requirements.

The PROTPNL50 & 100 *Cat5 SmartWired*® panels are 2RU high and mount in standard 19" racks. They consist of a polyester powder coated carbon steel chassis, one or two high speed data optimized 5 pin module protection fields, and line and equipment cables. All line and equipment cables are built to order, offering a customized length and connector fit for any new or existing system. Each unit also includes a 5 foot pre-terminated 6AWG ground cable for fast installation. Local U.S. manufacturing ensures rapid response and short lead times. See product ordering code for available options.

Cat5 SmartWired® starts with LEA Networks' protection module field. The block is uniquely designed from the ground up to minimize crosstalk and insertion loss, while decreasing part weight and size to reduce the mounting footprint. Unique wire routing and guide ring features ensure that the standard Category 5e internal wiring maintains ideal performance. Combined with LEA Networks high speed protector modules, the system gives future-proof protection and performance for POTS, T1, ADSL2+, VDSL2 and Ethernet based services.

FEATURES & BENEFITS

Laser cut carbon steel with Telcordia spec polyester powder coated finish	High quality fit and finish, with superior corrosion resistance
Cat5 Smartwired®	High speed transmission performance is standard on all units
High speed optimized 5 pin protector block	Block is designed from the ground up for reduced crosstalk and insertion loss
Pre-installed direct connected 6AWG ground cable	Fast installation, and reliable ground bonding every time
All plastic materials UL94 V-0 rated or higher	Ensure facility and personnel safety
All stainless steel hardware	Corrosion resistant for long term performance
Line & Equipment cables built per order	Assures customized fit into enclosures or racks, for new or existing systems
Made in the USA	Local engineering and operations support, rapid order fulfillment

PROTPNL *xx* - *A B C* - *A B C*

(LINE)   (EQUIP)

Typical Ordering Code Options

xx: **Pair Count, 50 or 100**
A: **Cable Type: Cat5e 25 pair, Cat3 25 pair, etc.**
B: **Cable Length: in feet**
C: **Connector Type: none, RJ21, MS2, 710**

Call LEA Networks to have your panel custom configured