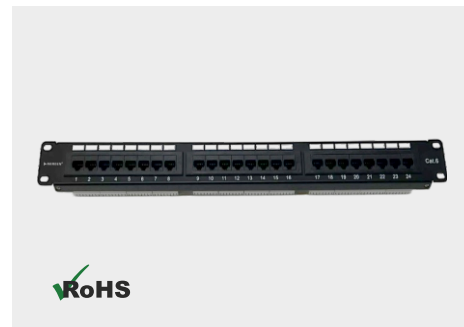


CATEGORY 6 UTP PCB PUNCH DOWN PATCH PANEL E – SERIES



Norden Category 6 Unshielded PCB Punch Down Patch Panel surpasses TIA and ISO standards, ensuring exceptional performance for LAN, multimedia, and Power over Ethernet applications. It facilitates easy termination using a Krone or 110 punch down tool, with color-coded labels for both 568A and 568B wiring schemes. Built to meet critical cabling parameters such as NEXT, FEXT, attenuation, and return loss, this panel is compatible with 22-26 AWG solid conductors. With a 1U height, it fits standard 19" server racks, and its IDC dual contacts help reduce crosstalk. The panel also features horizontal termination and clear markings for straightforward installation.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ISO/IEC 11801, ANSI/TIA 568.2-D

DESIGN & TECHNICAL DETAILS

Panel Type	Flat
Panel Style	PCB Based Loaded
Mounting Style	Punch Down
Panel Width	482.0 mm
Panel Height	1U , 44.45 mm
Panel Depth	33.1 mm
Outlets	12/24
Housing Material	PBT + 30%GF, UL94V-0
Housing Material Color	Black
IDC Material	PC UL94V-0 /ABS
Panel Frame	Carbon Steel, Powder Coating
Panel Frame Color	Black
Metal Housing Thickness	1.50mm
IDC Wire Gauge	22-26 AWG
Port Marking	Yes, Front side of panel
IDC Module Marking	Yes, Rear side of panel
RJ45 Life	Plug and Unplug : ≥ 750 times, Terminate : ≥ 250 times
Current Rating	Max. 1.5A
Voltage Rating	125 V
Dielectric withstand Voltage	750 VAC RMS, 60Hz/1min
Insulation Resistance	Min. 1000 megohms @ 500 V
Contact Resistance	Max. 100 milliohms
Operating Temperature	-40 °C to +70 °C

STANDARDS

Wiring Standards	EIA/TIA 568 A/B
Flammability rating	UL 94V-0
Rating	ISO/IEC11801, TIA/EIA 568

ORDERING INFORMATION

Part Number	Description
121-E1B18012L	Category 6 UTP PCB Punch Down Patch Panel E - Series 12 Port 19"inch Loaded
121-E1B18024L	Category 6 UTP PCB Punch Down Patch Panel E - Series 24 Port Loaded