

1100 Category 5E PowerSUM Modular Patch Panel



The 1100 PowerSUM Modular Panel is a member of the PowerSUM Solution. It exceeds the Category 5 and Category 5e requirements in ISO/IEC 11801 CENELEC EN50173 and TIA/EIA 568B. The 1100PSE Category 5e Modular Patch Panel is a 19 in (48.3 cm) wide modular patch panel and is available with 24 or 48 jacks, and is capable of handling either T568A or T568B wiring.

The minimum insertion life is 750 cycles, which allows for hundreds of moves and additions.

Label strips for both the front and back of the panel allow for easy identification of circuits.

Physical Specifications:

Height: 24-Port: 1.75 in (4.38 cm)
48-Port: 3.50 in (8.83 cm)

Width: 19.0 in (48.3 cm)

Depth: 1.60 in (4.96 cm)

Wire Termination Type:

Insulation displacement (ID), gas tight

Wire Size:

Conductor Type: Solid or stranded (7 strands)

Size: 26/24/22 AWG (0.40/0.51/0.64 mm)

Insulation Type: All plastic insulates, including: PVC, irradiated PVC, Nylon, Polyethylene, Polypropylene, PTFE, Polyurethane, Teflon®

Mechanical Data:

Plug Insertion Life: 750 minimum

Wire Insertion Force: 24 AWG=13-28 lbs (58-125 N)

Wire Retention: 24 AWG—typical pull out force

X-axis=10.6 lbs (47.3 N)

Y-axis=10.6 lbs (47.3 N)

Z-axis=2.4 lbs (10.7 N)

Environmental Conditions:

Temperature Range:

Storage: -40°F to 158°F (-40°C to 70°C)

Operational: 14°F to 140°F (-10°C to 60°C)

Relative Humidity: (operational) maximum, non-condensing 93%

Materials:

Plastic Components: Polycarbonate, self-extinguishing

Flammability Rating: UL-rated 94 V-O

Oxygen Index: 28.5% minimum

Contact Material: Phosphor Bronze

Electrical Specifications:

Insulation Resistance: 500 megaohms minimum

Current Rating: 1.5 A at 68°F (20°C)

TIA/EIA Category: 5e

Dielectric Withstand Voltage: 1,000 VAC RMS, 60 Hz minimum, contact-to-contact and 1,500 VAC RMS, 60 Hz minimum to exposed conductive surface

UL and cUL Listed

Product Number	Wiring	Number of Ports	Material ID
1100PSCAT5E-24	T568A, T568B	24	108208919
1100PSCAT5E-48	T568A, T568B	48	108208935
1100PS ICON Label - White			760001412
1100PS ICON Label - Blue			760001420