

# TrueNet®

## Category 5e Modular and PCB Patch Panels



TrueNet® patch panels are independently verified at a component level and available in a range of installation options.

TrueNet® Category 5e PCB patch panels are designed to minimise deployment time and maximise connection strength. The LSA-PLUS® technology allows gas tight terminations onto horizontal PCB boards. The design of the PCB board ensures the terminations are presented to the installer for fast termination. Superior cable management is offered through the innovative "fish-tail" design on the back of the panel which includes various tie-off points. PCB panels are available in standard 1U 24 port and high density 1.5U 48 port formats.

The modular Category 5e panel utilises the high performing HK keystone jack, which uses a punch-down format for swift terminations. Modular panels offer complete flexibility within the communications room and with the HK panel, flexibility is further enhanced by the 1U 16, 24 and high density 32 port formats.

Additional panels are available as shielded or through-coupler.

### Features

- Independently verified at a component level
- HK modular panels offer complete flexibility and high port density
- Expansive cable management, full fixing kit, IDC dust protection and labeling facilities
- Fully interoperable and backwards compatible
- Unshielded and shielded options
- Through-coupler panels also available

### Benefits

- Guaranteed component performance
- Flexibility to suit installation requirements
- High-speed deployment time reduces associated installation costs
- Through-couplers offer a convenient connection field for data applications
- Low risk choice for IT Managers

TECHNICAL DATA



KRONE

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## Ordering Information

Description	Catalogue Number
Patch Panel, 1U Category 5e PCB UTP 24 Port	6527 1 607-24
Patch Panel, 1.5U Category 5e PCB UTP 48 Port	6527 1 630-00
Patch Panel, 1U Category 5e PCB STP 24 Port	7022 1 015-24
Patch Panel, 1.5U Category 5e PCB 48 Port	6527 1 632-00
Patch Panel, 1U Category 5e HK UTP 16/24/32 Port	6690 1 402-xx
Patch Panel, 1U Category 5e HK STP 16/24/32 Port	6690 1 412-xx
Patch Panel, 1U Through-coupler UTP 24 Port	6527 1 623-24
Patch Panel, 1U Through-coupler STP 24 Port	ADCPP24RJ5E-S

Replace xx with 16, 24 or 32 dependant on port quantity required

## Technical Data

### Electrical Data

	HK Panel	PCB Panel
Insulation resistance	≥ 500MΩ	≥ 500MΩ
Dielectric strength	Contact / contact 1.0kV Contact / shield 1.5kV*	Contact / contact 1.0kV Contact / shield 1.5kV*
Current carrying capacity	≥ 1A	≥ 1A
Typical plug / jack contact resistance	≤ 20MΩ	≤ 20MΩ

### Terminations

Typical IDC contact resistance	≤ 1MΩ	≤ 1MΩ
Number of re-terminations	≥ 30	≥ 30
Shield connection*	360° shielding*	360° shielding*
Conductor diameter	0.4-0.65mm (AWG 22-26)	0.4-0.65mm (AWG 22-26)
Insulation diameter	0.7-1.4mm	0.7-1.6mm

### Mechanical Data

Plug / jack mating cycles	≥ 750 (IEC / EN 60603-7 series)	≥ 750 (IEC / EN 60603-7 series)
Plug / jack insertion / withdrawal force	≤ 20N (IEC / EN 60603-7 series)	≤ 20N (IEC / EN 60603-7 series)
Dimensions Depth	150mm	177mm

### Environmental

Operating temperature range	-10°C to +60°C	-10°C to +60°C
Operating humidity range	≤ 95% R.H. Non condensing	≤ 95% R.H. Non condensing

Testing requirements of connection technology according to ISO/IEC 11801 2nd Edition, ANSI/TIA/EIA-568-B.2 and EN 50173:2007.

All connecting hardware is tested individually and as part of a channel to ensure critical parameters of power summation, ACR-N, NEXT, ACR-F and Return Loss exceed the requirements specified in international standards.

\* STP only

TECHNICAL DATA



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