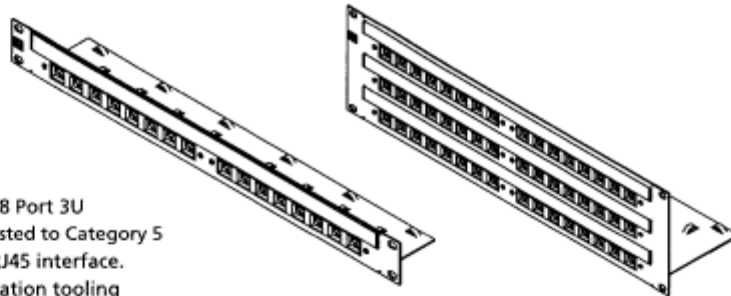


Datasheet

RS Cat5e 16 port RJ45 RJ Patch Panel UTP 1U

RS Stock number [214-9769](#)



FEATURES

- 16 Port 1U and 48 Port 3U
- Independently tested to Category 5
- High durability RJ45 interface.
- No special application tooling requirements.

IDC PATCH PANEL

The improved IDC patch panel utilises the KATT RJLP connector which offers reduced depth requirements and it is currently believed to be the shallowest device of this kind available.

Building wiring is directly connected to the rear face of the panel using industry standard terminating tools.

TECHNICAL

Termination Tools:

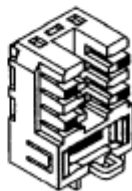
Industry standard termination tools

IDC Terminations:

Suitable for 0.4mm - 0.6mm solid or stranded cable, maximum o.d. 1.5mm. Two wires may be terminated for daisy-chain applications.

Patents pending on connector and module designs.

The Patch Panels are fitted with KATT RJLP connectors offering a low rear profile with IDC interface



ELECTRICAL

D.C. Resistance: <20 mΩ
 D.C. Resistance Imbalance: <2.0 mΩ
 Insulation Resistance: >100 MΩ

Attenuation (dB)	@ 1MHz	0.0121
	@ 16MHz	0.0193
	@ 100MHz	0.1052
Crosstalk (dB)	@ 1MHz	-84.26
	@ 16MHz	-60.03
	@ 100MHz	-42.32
Return Loss (dB)	@ 1MHz	-51.26
	@ 16MHz	-36.99
	@ 100MHz	-18.06

MECHANICAL

Jack Connector

Operating Life: Minimum 500 insertion cycles
 Contact Material: Phosphor Bronze
 Contact Plating: 1.25 micrometres Au/Ni
 Material: UL 94VO Thermoplastic

IDC Connector

Operating Life: Minimum 100 Reterminations
 Contact Material: Phosphor Bronze
 Contact Plating: Sn/Pb over Ni
 Wire Accomodation: 2x26-22 AWG solid or stranded