



CAT6A 1U 180° UTP RJ-45 Slim Patch Panel 48 Port

The 19" 1U 180° rack mountable Category 6A UTP 48 port slim patch panel that fully conforms to ISO/IEC 11801 and TIA/EIA 568 standards. It exceeds Cat6A/Class EA performance requirements and it is suitable for 10GBASE-T, 2G FCBASE-T, 4G FCBASE-T and 1000BASE-T applications.

Features

- 19" rack mountable
- 1U height
- 48 ports
- 6 - port RJ45 modules
- 50um Gold plated on Contact Area
- Easy open screen cover
- Terminated 23AWG to 26AWG cables
- Universal wiring blocks for easy termination
- Colour coded wiring blocks for easy cable lacing Integral rear cable management

Applications

- Cat6A/Class EA up to 500Mhz applications
- Backwards compatible with Category 5e and 6 distribution systems
- Ideal for high density datacentre applications
- 10GBASE-T, 2G FCBASE-T, 4G FCBASE-T and 1000BASE-T applications

Specifications

Electrical

PARAMETER	VALUE
Current Rating	1.5Amps
Insulation Resistance	$\geq 500 \text{ M}\Omega$
Contact Resistance	$\leq 10 \text{ m}\Omega$
DC Resistance	$\leq 0.1 \Omega$
DC/AC Volt Endurance	DC1 000V/AC750V 1 min

Mechanical

PARAMETER	VALUE
Plug Insertion Life	≥ 750 Cycles with FCC Compliant RJ-45 Plug
Plug & Jack Contact Force	≥ 100 Grams with FCC Compliant RJ-45 Plug
Plug Retention Force	≥ 11 lbf
Durability	200 Termination Cycles
Operating Temperature	-10-60°C
Operating Humidity	-10%-90%Rh
Storage Temperature	-40°C to 68°C

Physical

PARAMETER	VALUE
Panel Frame	Aluminium Alloy
Housing Material	PC UL94V-0, High impact flame retardant plastic
Bracket	SPCC Powder Coating in Black Colour
PCB	FR-4, 1.6mm Thickness
Jack Wire	0.35 mm Phosphor bronze gold over nickel plating
IDC Conductor	0.5mm Phosphor bronze, tin-plating

Standards Compliance

- Class EA / Category 6A
- ANSI/TIA/EIA-568-C.2
- ISO/IEC 11801: 2002/Amd.2:2010
- ISO/IEC 60603-7
- RoHS directive 2002/95/EC compliant
- REACH / SvHC

Ordering Information

DESCRIPTION	PART NUMBER
UTP Category 6A Slim patch panel - 48 port	OPPC-6A-1-48-S

Additional Images

