



CAT6A 0.5U 90° FTP RJ-45 Slim Patch Panel 24 Port

The 19" 0.5U 90° rack mountable Category 6A FTP 24 port slim patch panel that fully conforms to ISO/IEC 1901 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
- 0.5U height
- 24 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	$\leq 20 \text{ m}\Omega$
DC Resistance	$\leq 0.3 \Omega$
DC/AC Volt Endurance	DC1000V/AC750V 1 min

Mechanical

PARAMETER	VALUE
Mating Cycles	≥ 750 Cycles Min
Insertion Force	30N Max
Retention strength	5kg between jack and plug
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	SPCC powder coating in black color
Plastic Parts	High quality engineering plastic
PCB	FR-4, 1.2mm Thickness
Jack Wire	0.35 mm Phosphor bronze gold over nickel plating
IDC Conductor	0.5mm Phosphor bronze, tin-plating
Contact compatibility	Accommodate 23 to 26 AWG solid
TIA Cat.6A Perm.Link Test	Worst Pair NEXT Headroom $\geq 2.0\text{dB}$

Standards Compliance

- Class EA / Category 6A
- ANSI/TIA/EIA-568.2-D
- ISO/IEC 1901: 2002/Amd.2:2010
- ISO/IEC 60603-7-51
- RoHS directive 2002/95/EC compliant
- REACH / SvHC

Ordering Information

DESCRIPTION	PART NUMBER
FTP Category 6A Slim patch panel - 24 port	OPPC-6A-2-24-S

Additional Images

