

## Category 6A Staggered Patch Panel, Loaded -1U



Staggered Patch Panel - C6A, 1U offers fast and reliable installation designed for 10G transmission requirement. The staggered design reduces Alien Crosstalk to support IEEE 802.3an and ANSI/TIA 568.2-D. Each port of the panel is numbered and having designated label area for clear port identification.

#### **Features**

- Staggered design reduces Alien Crosstalk
- 19" RJ-45 Patch Panel with 24 ports on 1U
- Strain relief and cable management
- Universal wiring T568 A or B wiring pattern
- Including grounding bolt
- ANSI/TIA-568.2-D

### **Mechanical Specifications**

Panel : Metal SPCC
Cabling Sequence : T568A & B
Testing Condition of Transmitting : 500MHz

Capability

Panel Thickness : 1.5mm
Panel Color : Black
Each port Numbering : Yes
Grounding : Yes
Jack Type : Shielded

Jack Contact Material : Phosphor Bronze, Tin (8Pins- Gold Plating)

Plastic Housing : PCUL94 V2 Plug Insertion Life :  $\geq$  750 Cycles

(RJ 45 Contacts)

Plug and Jack Contact Force : ≥ 100 Grams with FCC Compliant RJ-45 Plug

Plug Retention Force : ≥ 15Nm

Durability (IDC Life) : 200 termination cycles

### **Electrical Specifications**

 $\begin{array}{lll} \mbox{Insulation Resistance} & : & \geq 500 m\Omega \\ \mbox{Contact Resistance} & : & \leq 10 m\Omega \\ \mbox{Current rating} & : & 1.5 \mbox{ Amps} \end{array}$ 

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Document version: 11320/V0 Date of Revision:05/2020 Log on to www.3c3.in for recent updates.

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DC Resistance :  $\leq 0.1\Omega$ 

DC/AC Volt Endurance : DC1000V/AC750V 1min

Wiring Pattern at rear end : T568A & T568B

Minimum Return loss Maximum Insertion loss 0.45 Minimum NEXT loss 34 Minimum FEXT loss 29.1 Minimum TCL 14 Minimum TCTL : 14 Propagation Delay <2.5 nsPropagation Delay Skew <1.25 ns Minimum PSANEXT loss : 56.5 Minimum PSAFEXT loss 53

### **Environmental Specifications**

Operating Temperature :  $-40^{\circ}\text{C to} + 70^{\circ}\text{C}$ Storage Temperature :  $-40^{\circ}\text{C to} + 70^{\circ}\text{C}$ Humidity : 10% - 90% RH

### **Regulatory Compliances/Certifications**

- ETL Verified
- UL Listed
- RoHS Certified

### **Ordering Information**

Product Code Description

11320 Copper Panel Staggered Shielded C6A, 24Port Loaded 1U wire

Manager Included

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