

## **PID-00156 24 Port Angled PowerCat 6 Patch Panel, 568A/B with Cable Management, 1U**

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**Part No:** PID-00156

**Region:** Global

PowerCat 6 Angled Patch Panels are ideal for installations of high density or which utilize extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimizes patch cord bend radius to the rack. The IDC section consists of V-shaped contacts that flex not fatigue when terminated. Each RJ45 port features a patented spring-loaded shutter and can be color coded to match jack outlets with the use of optional port icons. Offering both front and rear labeling options, the patch panel is constructed of cold-rolled steel for additional strength and durability.

#### **Features & Benefits**

- Each port features the patented spring-loaded shutter:
  - – prevents incomplete mating
  - – protects from dust and contaminants
- Patented IDC V-shaped contacts that flex not fatigue when terminated
- Features pointed IDC towers to speed termination and enhance cable retention
- Dual color-coding allows for 568 A/B wiring configuration
- Front and rear port labeling (port sequence 1–480) as well as panel identification label
- 4 x 6 ganged jack configuration
- Individually removable patch panel ports
- Removable cable management shelf(s) ensure bend radius compliance
- Available with either ANSI and metric hardware kit
- Can be terminated using industry standard punch-down tools
- RJ45 port which is RJ-11 compatible
- molded category identification on each port face as well as optional port identification icons

#### **Technical Info**

##### **Mechanical Characteristics**

###### **Patch Panel**

Material: CRS (cold rolled steel)

Thickness: .060" (1.52mm)

Coating: Grey / Option for Black

###### **Jack Connector**

Plastic Housing: Thermoplastic UL94V-0 rated or equivalent

Operating Life: Minimum 750 insertion cycles

Contact Material: Phosphor Bronze  
Contact Plating: 50μ" Gold/100μ" Nickel  
Contact Force: 100g minimum  
Plug Retention Force: 11 lbf minimum

#### **IDC Connector**

Plastic Housing: Thermoplastic UL94V-0 rated or equivalent  
Operating Life: Minimum 20 reterminations  
Contact Material: Phosphor Bronze  
IDC Contact Plating: Solder Plate (60% tin/40% lead)  
Wire Accommodation: 22-24 AWG solid

#### **Performance**

##### **Electrical Characteristics**

Interface Resistance: 20 milliohms  
Initial Contact Resistance: 2.5 milliohms  
Insulation Resistance: >100 Megaohms

#### **Ordering Info**