



## HUBBELL NextSpeed Hinged Patch Panels, Cat 6

The Cable Management Panel on the Hinged, Fold Down Patch Panel Acts as a Bench Supporting the Panel During Termination.

Universal Wiring.

Patented Hinged Design  
(US Patent # 5,765,698).



### FEATURES

- These panels are an ideal MUTOA solution and consolidation point.
- Centered port identification.
- Bottom hinging panel.

### SPECIFICATIONS

#### Panel Metal

- ◆ 0.09" thick Aluminum.
- ◆ Durable black powder coat finish.
- ◆ Rolled edge construction.

#### Cable Management Metal

- ◆ 16 ga. steel.
- ◆ Durable black powder coat finish.
- ◆ Rolled edge construction.
- ◆ 4 Steel 3.5" D-Rings.
- ◆ 2 Rack Units (3.5").

#### IDC

- ◆ Contacts: High-performance copper alloy with tin-lead plating.
- ◆ Terminates 22-26 AWG solid conductors.
- ◆ Compatible with all industry 110 impact tools.
- ◆ Fully enclosed protected PCB circuitry.

#### Jacks

- ◆ Contacts: Beryllium copper with a Nickel under-plating.
- ◆ 750 plug insertions.

### STANDARDS/LISTINGS/VERIFICATIONS

- Exceeds ANSI/TIA/EIA-568-B.2-1 Cat 6 component compliant.
- Minimum Channel Capacity of 4 Gbps.
- Worst Case PSACR Margin of 8.1 dB @ 250MHz over ANSI/TIA/EIA-568-B.2 Category 6 standards.
- Worst Case RL Margin of 16dB @250MHz over ANSI/TIA/EIA-568-B.2 Category 6 standards.
- Provides bandwidth beyond 350MHz (channel configuration).
- Dimensions and mounting holes per EIA-310-D.
- IDC towers: Flame retardant to UL 94V-0.
- Jack housing: Flame-retardant UL 94V-0.
- UL and cUL Listed.
- Guaranteed DTE Power Application Assurance.
- Backed by Hubbell's MISSION CRITICAL® 25-year warranty.
- Interoperable and backward compatible to lower-performing cabling systems.

**NEXTSPEED®** Category 6 hinged, fold-down panels provide an alternative hinged solution to the most rugged, feature rich, highest-performing Category 6 panel in the industry. **NEXTSPEED®** 6 panels significantly exceed ANSI/TIA/EIA-568-B.2-1 Category 6 requirements with channel performance beyond 350MHz.

HPW's hinged, fold-down panels contain a C6 series 48-port patch panel hinged to a 2U **NEXTFRAME®** cable management panel. This hinged design authorizes the cable management panel to act as a support bench during termination and also allows for easy access to the rear (IDC) of the panel from the front of the rack. These panels can either directly attach to a relay rack or cabinet or be mounted to a wall with the wall mount bracket version.

The hinged, fold-down panels deliver an easy solution for smaller network installations or where space is at a premium. Hubbell's **NEXTSPEED®** Category 6 hinged, fold-down panels can help when there is a limited amount of real estate in the TR, by providing an orderly, aesthetic, easy patch panel/cable management solution maximizing the TR space.

### APPLICATIONS SUPPORTED

- ▲ Gigabit Ethernet 1000BASE-TX.
- ▲ 10/100/1000BASE-T.
- ▲ 155/622 Mbps ATM.
- ▲ IEEE 802.3ab (<1 \*10<sup>-10</sup>) Gigabit Ethernet Verified.
- ▲ IEEE 802.3af - DTE Power.
- ▲ Analog voice and digital (VoIP) voice.
- ▲ Analog (broadband, baseband) and digital video.
- ▲ 100 Mbps TP-PMD.
- ▲ 4/16 Mbps Token Ring.