- **7db NEXT Margin 1-100MHz over TIA and ISO Channel Specifications***

- **Exceeds Category 5e Component Specifications**

- **Qualified to 150% of 802.3bt PoE Current Level**

HUBBELL
NextSpeed **Patch Panels**
Category 5e Component

FEATURES

- NEXT margin over TIA 568-C.2 component at100MHz
- Exceeds component requirements of TIA-568-C.2 Category 5e and ISO 11801, 1-100MHz
- Designed and tested for 1.5A of continuous current per pair
- Manufacturing: 100% factory tested
- Universal Wiring (T568A or T568B)
- Integrated labeling and icon slots for TIA-606-B compliance

Performance
Zero-crosstalk contact structure provides the highest electrical performance while maintaining true balance.

Identification
Integrated labeling and port icon attachment capable

Wide In-Line Termination Towers
Increased space for lacing and routing cable.

Rigidity
Rolled edge construction eliminates flex during termination.

SPECIFICATIONS

- Nose contact material: beryllium copper with precious metal plating with nickel under-plating
- Rear IDC Contact: Phosphor Bronze with 100 micro-inch lead free tin over nickel plating
- Panel material: 14 gauge steel rolled-edge construction
- 2000+ mating cycles with FCC 8-position plug
- Dimensions and mounting holes per CEA-310-E

NEXTSPEED® 5e patch panels offer the most rugged, feature rich, and high performance Category 5e panels in the industry. NEXTSPEED® panels significantly exceed TIA-568-C.2 Category 5e requirements with component and channel performance to 190MHz.

NEXTSPEED® panels utilize a rugged rolled edge construction to provide superior panel rigidity and a completely enclosed adaptor that protects PCBs from contaminants and errant terminations. Labeling is easily administered with Hubbell's new printable perforated label sheets.

NEXTSPEED® 5e series patch panels are assembled in the USA and backed by Hubbell's 25 year application assurance warranty. They provide a rugged, reliable, solution supporting today's high bandwidth mission critical applications.

STANDARDS

- TIA-568-C.2 Category 5e component
- ISO/IEC 11801/60603-7-41 5e component
- Third Party tested for TIA 568-C.2 Requirements. Component/Link/Channel
- ISO/IEC 11801 Class D
- Current Capacity: Exceeds current levels for proposed IEEE 802.3bt PoE
- Mechanical: Verified to TIA-568-C.2
- UL Listed 1863, UL 94 V-0 Flammability Rating ISO9001-2008 Manufacturing Process

APPLICATIONS

- IEEE802.3b 1000 BASE-T ETHERNET
- IEEE 802.3at PoE+

*When combined with Hubbell Premise Wiring Cat 5e patch cords.

HUBBELL®

ORDERING INFORMATION

NEXTSPEED® Category 5e Patch Panel

NEXTSPEED® Category 5e 89D Surface Mount Panel

Ports	Black Catalog No.
12	**HP5E12**

Ports	Height	Rack Units	Bar Qty	Straight Black Catalog No.	Straight White Catalog No.	Angled Black Catalog No.
24	1.75" (45 mm)	1	1	**HP5E24***	**HP5E24W**	**HP5E24A**
48	3.50" (45 mm)	2	2	**HP5E48***	**HP5E48W**	**HP5E48A**
96	7.00" (178 mm)	4	3	**HP5E96**		

* Add "E" for panel without cable management

ACCESSORIES

Labels for NEXTSPEED® Category 5e Panel

Description	Catalog No.
Printable front, 6-port, 4800 pack	**HPLBL4800**

NEXTSPEED® Category 5e Component Jack

1 per package	25 per package
HXJ5EXX	**HXJ5EXX25**

XX Colors = **AL** (Almond), **B** (Blue), **BK** (Black), **BN** (Brown), **EI** (Electric Ivory), **GL** (Gold), **GN** (Green), **GY** (Gray), **LA** (Light Almond), **OR** (Orange), **OW** (Office White), **P** (Purple), **R** (Red), **W** (White), **Y** (Yellow)

NEXTSPEED® Category 5e Patch Cord

Catalog No.
HC5EXXYY

XX Colors = **B** (Blue), **BK** (Black), **GN** (Green), **GY** (Gray), OR (Orange), **P** (Purple), R (Red), **W** (White) and **Y** (Yellow).

YY Standard Lengths- **01**=1'; **03**=3'; **05**=5'; **07**=7'; **10**=10'; **15**=15'; **20**=20'
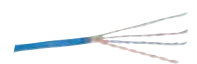
Replacement Adaptor for NEXTSPEED® Category 5e Panel

Description	Catalog No.
6-port adaptor	**HP5EM6**

NEXTSPEED® Category 5e UTP Cable

Plenum Spool	Riser Spool
C5ERPXX	**C5ERRXX**

XX Colors = **B** (Blue), **GY** (Gray), **W** (White), **Y** (Yellow)
MTO colors available

Rack Mount Cable Management Bar for 19" Rack

Description	Catalog No.
Straight	**CMBR**
Straight, wire bar	**ECMBRS**
ECMBRS with 3" standoffs	**ECMBR3**
ECMBRS with 6" standoffs	**ECMBR6**

Panel Mount Cable Management Bar for 19" Rack

Description	Catalog No.
Wire Bar	**HPRCMB**

DIMENSIONS