

- 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 at 100MHz
- 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

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

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

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.

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.

APPLICATIONS

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

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



ORDERING INFORMATION

NEXTSPEED® Category 5e Patch Panel



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

NEXTSPEED® Category 5e 89D Surface Mount Panel

Ports	Black Catalog No.
12	HP5E12



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.
HC5EXXY



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'

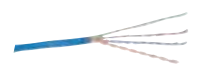
Replacement Adaptor for NEXTSPEED® Category 5e Panel

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

