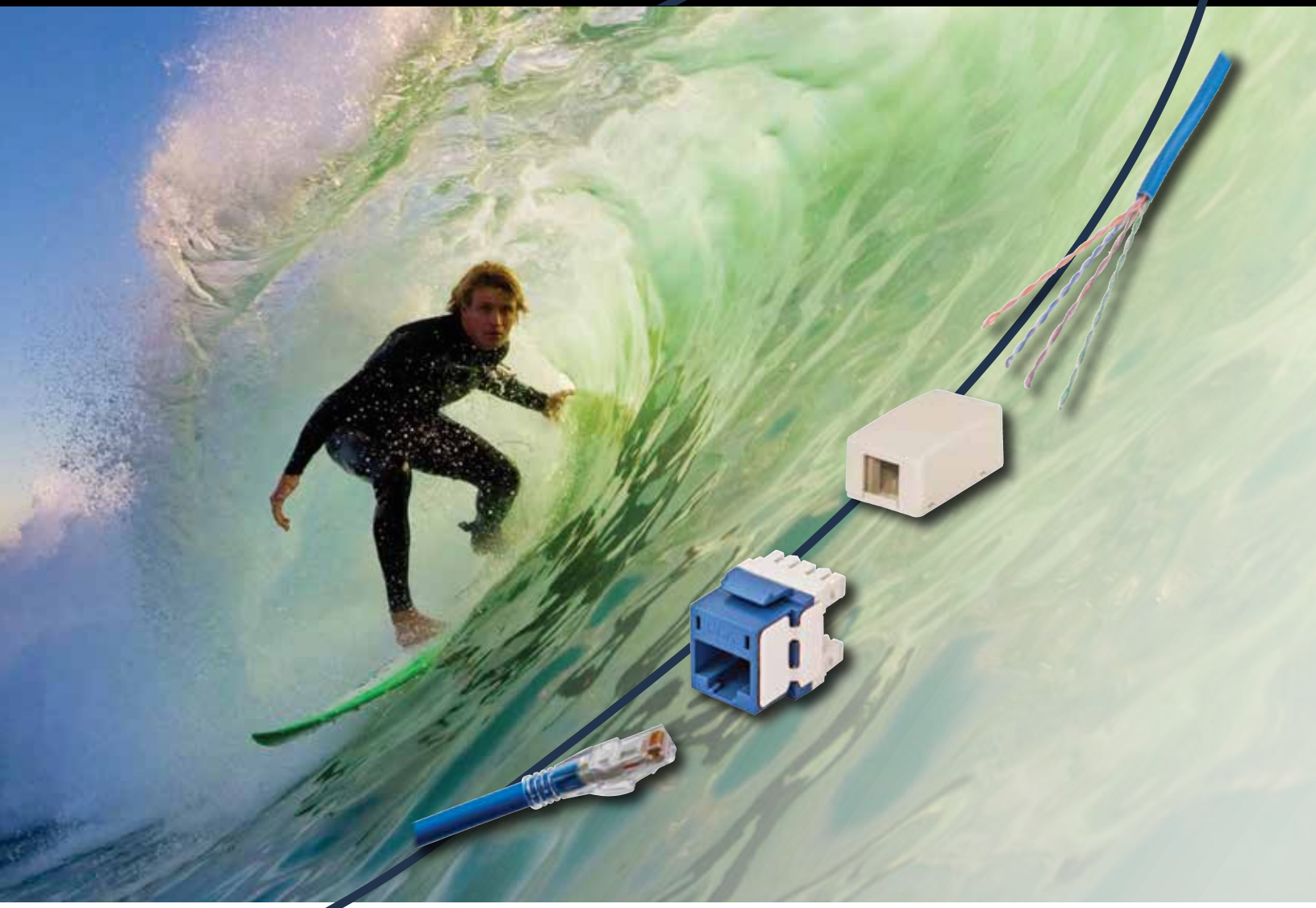
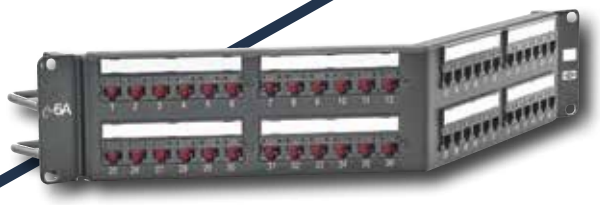
HUBBELL®
Premise Wiring

Wave 2

Ready to ride?

Category 6A Connectivity for 802.11ac and Beyond





802.11ac Wave 2 exceeds 1Gb per second. Hubbell's Category 6A cabling system supports up to 10GBASE-T, providing faster speeds, greater bandwidth, and the most efficient PoE delivery. Coast through 802.11ac Wave 2 and be prepared for 802.11ax with the Hubbell 25-Year Mission Critical® application assurance warranty.

MAXIMUM BANDWIDTH • HIGHEST POWER DELIVERY

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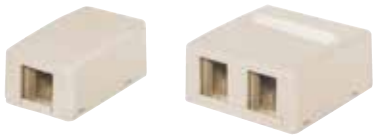


ISB Surface Mount Boxes

Description	1-Port	2-Port
Standard	**ISB1xx**	**ISB2xx**
UL Plenum Rated	**ISB1xxP**	**ISB2xxP**

xx *= Color:*
BK *(Black),* ***EI*** *(Electric Ivory),* ***GY*** *(Gray),* ***OW*** *(Office White),* ***W*** *(White)*

NEXTSPEED® Ascent Category 6A Jacks

Unit of Measure	Catalog No.
Single pack	**HJ6Axx**
25-pack	**HJ6Axx25**

xx *= Color:*
BK *(Black),* ***B*** *(Blue),* ***EI*** *(Electric Ivory),* ***GL*** *(Gold*),* ***GY*** *(Gray),*
GN *(Green),* ***OW*** *(Office White),* ***OR*** *(Orange),* ***P*** *(Purple*),* ***R*** *(Red),*
W *(White),* ***Y*** *(Yellow) *Gold and Purple available in 25-pack only.*

TIA Guidance TSB-162-A

- Two ports of a minimum of Category 6A performance per WAP location

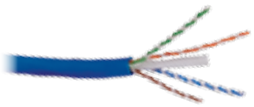
Specifying Cabling per Wireless Access Point Location

- *Data rate:*
  Recommended support of 10GBASE-T speeds
- *Current carrying capacity:*
  Recommended support proposed for PoE levels of at least 49W, and up to 100W
- *Number of ports:*
  Two to support 10GBASE-T with PoE or to support link aggregation

NEXTSPEED® Ascent Category 6A Patch Panels

Format	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Black Catalog No.	White Catalog No.
Straight*	19″ (483)	1.75″ (45)	24	1	**HP6A24**	**HP6A24W**
		3.50″ (89)	48	2	**HP6A48**	**HP6A48W**
		7.00″ (178)	96	4	**HP6A96**	**–**
Angled**	19″ (483)	1.75″ (45)	24	1	**HP6A24A**	**–**
		3.50″ (89)	48	2	**HP6A48A**	**–**

**Versions without cable management bar available as HP6A24E and HP6A48E.*
***HP6AxxA angled panel protrudes 4.46″ from the plane of the rack. One extra inch of space is recommended between the door and panel angle.*



NEXTSPEED® Ascent Category 6A Cable

Color	Plenum Spool	Riser Spool
Blue	**C6ASPB**	**C6ASRB**
Gray	**C6ASPGY**	**C6ASRGY**
White	**C6ASPW**	**C6ASRW**
Yellow	**C6ASPY**	**C6ASRY**

Note: All category rated cable is packaged in 1000ft quantities. Made-to-order colors available.

NEXTSPEED® Ascent Category 6A Patch Cords

Unit of Measure	Plenum	Riser
Single pack	**HC6AxxyyP***	**HC6Axxyy**

xx *= Color:*
BK *(Black),* ***B*** *(Blue),* ***GY*** *(Gray),* ***GN*** *(Green),* ***OR*** *(Orange),* ***PK*** *(Pink),*
P *(Purple),* ***R*** *(Red),* ***W*** *(White),* ***Y*** *(Yellow)*

yy *= Standard Length:*
01 *(1'),* ***03*** *(3'),* ***05*** *(5'),* ***07*** *(7'),* ***10*** *(10'),* ***15*** *(15'),* ***20*** *(20').*
Made-to-order lengths are available from 25ft to 100ft in 5ft increments.
Plenum available in* ***B* *(Blue),* ***GY*** *(Gray),* ***GN*** *(Green) and* ***Y*** *(Yellow) only, with lengths of* ***03*** *(3'),* ***05*** *(5'),* ***07*** *(7'),* ***10*** *(10') and* ***15*** *(15') only.*

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