

# Catch the Wi-Fi 6 wave

with Hubbell's NEXTSPEED ASCENT 6A Cabling System





Wi-Fi 6 exceeds 10Gb 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 Wi-Fi 6 and be prepared for Wi-Fi 7 with the Hubbell 25-Year Mission Critical® application assurance warranty.

MAXIMUM BANDWIDTH ● HIGHEST POWER DELIVERY

### Recommended products for Wi-Fi 6 WAP Deployments



#### **Surface Mount Boxes**

Description	1-Port	2-Port
Standard	HSB1xx	HSB2xx
UL Plenum Rated	HSB1xxP	HSB2xxP

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



# NEXTSPEED® Ascent Category 6A Jacks with COBRA-LOCK Termination

Unit of Measure	Catalog No.
Single pack	HJU6Axx
25-pack	HJU6Axx24

xx = Color: BK (Black), B (Blue), EI (Ivory), GL (Gold), GY (Gray), GN (Green), OW (Office White), OR (Orange), P (Purple), R (Red), W (White), Y (Yellow)



#### 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

	Width	Height		Rack	
Format	Inches (mm)	Inches (mm)	Ports	Units	Catalog No.
Straight*	19" (483)	1.75" (45)	24	1	НРЈ6А24
		3.50" (89)	48	2	НРЈ6А48
Angled**	19" (483)	1.75" (45)	24	1	НРЈ6А24А
		3.50" (89)	48	2	НРЈ6А48А



<sup>\*\*</sup>Angled panel protrudes 4.46" from plane of the rack; one extra inch of space recommended between door and panel





## NEXTSPEED® Ascent Category 6A Reduced Diameter Cable

NVP: Plenum 719	%, Riser 66%; 1000ft		
Ple	enum	R	liser
Reel in a Box	Spool	Reel in a Box	Spool
C6ASPDSxx	C6ASPPDSxx	C6ASRDSxx	C6ASPRDSxx
xx = Color: BK (Black), B (Blue), GY (Gray), GN (Green), OR (Orange), P (Purple), R (Red), W (White), Y (Yellow)			

#### NEXTSPEED® Ascent Category 6A UTP Cable

VV = Color: RK (B)	ck), B (Blue), GY (Gray), GN (Green), OR (Orange),
C6ASPxx	C6ASRxx
Plenum	Riser
NVP: Plenum 71%,	liser 68%; 1000ft
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#### **NEXTSPEED®** Ascent Category 6A Patch Cords

	Single Pack	24-Piece Bulk Pack
Standard; nominal O.D. 0.290"	НС6Аххуу	НС6Аххуу
Low Diameter; nominal O.D. 0.186"	HCL6Axxyy	HC6LAxxyy

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



P (Purple), W (White), Y (Yellow)



<sup>\*</sup>Versions without cable management bar available as HP6A24E and HP6A48E.