

# Improved nVent CADDY Cat HP J-Hook

## Data Solutions



nVent CADDY Cat HP J-Hooks are the foundation of the nVent CADDY Cat HP System. The revamped nVent CADDY Cat HP J-Hook offers contractors three unique, UL-certified attachment methods out of the box—wall, ceiling, and threaded rod installations. This added functionality enables contractors to reduce SKU inventory while maintaining efficiency and continued progress on the jobsite with the most common structural attachment methods.

The modernized design of the nVent CADDY Cat HP J-Hook is engineered to provide optimal support and protection for today's rapidly evolving, high-performing low voltage cable. Contractors can feel confident utilizing the nVent CADDY Cat HP J-Hook due to its installation versatility, superior cable support and protection, and technical certifications.

### CERTIFICATIONS



### FEATURES

Versa-Mount Technology: Innovative attachment design provides multiple structural and installation methods for wall, ceiling, and threaded rod mounting applications

Ideal for unknown jobsite applications or attachment methods

Improved design allows for optimized inventory while reducing job site scheduling risks associated with multiple SKUs

Provides optimal support for high-performance data cable—including category cable, Power over Ethernet (PoE), and fiber optic

Industry-leading bend radius designed to protect high-performance data installations

Multiple color options aid in the identification and organization of the pathway application

Provides superior fill capacity and load rating

Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces

Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569

Complies with EN 50174-2

## SPECIFICATIONS

Table 1/2

Catalog Number	Material	Finish	Diameter (Ø)	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6
CAT16HP	Steel	Pregalvanized	1in	1.07in <sup>2</sup>	20	15
CAT21HP	Steel	Pregalvanized	1.3125in	2.29in <sup>2</sup>	50	40
CAT32HP	Steel	Pregalvanized	2in	4.22in <sup>2</sup>	90	60
CAT48HP	Steel	Pregalvanized	3in	9.26in <sup>2</sup>	200	150
CAT64HP	Steel	Pregalvanized	4in	15.48in <sup>2</sup>	330	220

Table 2/2

Catalog Number	Cable Capacity, Cat 6A	Height 1 (H1)	Height 2 (H2)	Static Load (F)
CAT16HP	10	4.29in	3.55in	60lb
CAT21HP	25	4.81in	4.08in	60lb
CAT32HP	35	5.15in	4.42in	60lb
CAT48HP	80	6.48in	5.86in	60lb
CAT64HP	140	7.42in	7.09in	60lb

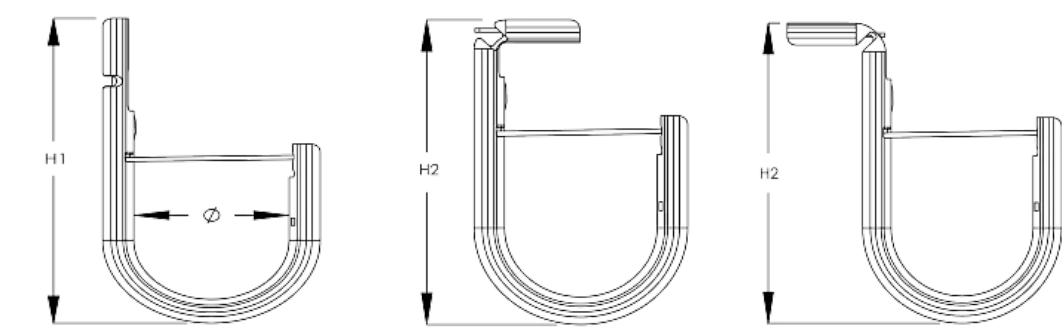
## ADDITIONAL PRODUCT DETAILS

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2.

Cable capacity is calculated based on a 70% fill rate.

				Capacity(70% Fill)				
Cable	Number of Twisted Pairs	AWG	Cable Diameter	CAT16HP	CAT21HP	CAT32HP	CAT48HP	CAT64HP
UTP	4	24	0.197 in	20	30	70	160	280
FTP	4	24	0.236 in	15	20	50	110	190
SFTP	4	24	0.236 in	15	20	50	110	190
SFTP	4	23	0.276 in	10	15	40	85	140
F/STP	4	23	0.335 in	7	10	25	60	100
SFTP	4	23	0.335 in	7	10	25	60	100
SFTP	3x4	24	0.551 in	2	4	9	20	35
UTP	25	24	0.512 in	3	5	11	25	40

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



Our powerful portfolio of brands:

CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE