CAT HP J-HOOK, PRE-GALVANIZED, 33.3 MM DIAMETER

CATALOG NUMBER

CAT21HP

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

PRODUCT ATTRIBUTES

Article Number: 181188
Material: Steel
Finish: Pregalvanized
Diameter (Ø): 33.3 mm
Area: 1174mm²
Cable Capacity, Cat 5e: 50
Cable Capacity, Cat 6: 40
Cable Capacity, Cat 6A: 25
Height 1 (H1): 122.2mm
Height 2 (H2): 103.6mm
Static Load: 267N

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.

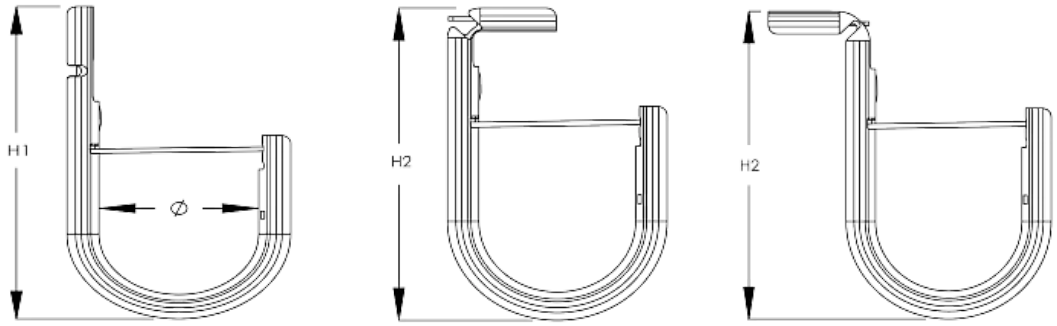
Cable capacity is calculated based on a 70% fill rate.

Fire Rated Power Cable Capacity (Distance between J-hooks must not exceed 500 mm center to center)									
Part Number		**CAT16HP**		**CAT32HP CAT48HP**		**CAT64HP**		**CAT64HP**	
Configuration		**Single Layer**		**Single Layer**		**Single Layer**		**Double Layer**	
Max Load per Support [kg/m]		**0.8 kg/m**		**1.4 kg/m**		**2.6 kg/m**		**2 kg/m**	
Cable	**Linear Weight of the Cable [kg/m]**	**Number of Cables**	**Classification**	**Number of Cables**	**Classification**	**Number of Cables**		**Classification**	
4x1,5 (N)HXH FE180 E30-E60	0.234	3	E30	5	E30 E60	11	E30 E60	8	E30 E60
5x1,5 (N)HXH FE180 E30-E60	0.277	2		5	E30	9	E30	7	E30
7x1,5 (N)HXH FE180 E30-E60	0.330	2		4		7		6	
12x1,5 (N)HXH FE180 E30-E60	0.513	1		2		5		3	
19x1,5 (N)HXH FE180 E30-E60	0.715	1		1		3		2	
24x1,5 (N)HXH FE180 E30-E60	0.901	-		1		2		2	
30x1,5 (N)HXH FE180 E30-E60	1.052	-		1		2		1	
2x2,5 (N)HXH FE180 E30-E60	0.178	4	E30	-		-		-	
3x2,5 (N)HXH FE180 E30-E60	0.250	3		-		-		-	
4x2,5 (N)HXH FE180 E30-E60	0.296	2		-		-		-	
5x2,5 (N)HXH FE180 E30-E60	0.352	2		-		-		-	
4x1,5 (N)HXH FE180 E90	0.234	3	E30 E60 E90	5	E30 E60 E90	11	E30 E60 E90	8	E30 E60 E90
5x1,5 (N)HXH FE180 E90	0.277	2		5		9		7	
7x1,5 (N)HXH FE180 E90	0.330	2		4		7		6	
12x1,5 (N)HXH FE180 E90	0.511	1		2		5		3	
24x1,5 (N)HXH FE180 E90	0.901	-		1		2		2	
2x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.060	13	E30	-		-		-	
4x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.102	7		-		-		-	
8x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.221	3		-		-		-	
12x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.281	2		-		-		-	

16x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.326	2	-	-	-
20x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.421	1	-	-	-
32x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.588	1	-	-	-
40x2x0,8 JE-H(St)H...Bd FE180 E30-E90	0.761	1	-	-	-

Fire rating applicable when linking specified J-hook to the following components	**Fire rating applicable to the following riveted assemblies**			
Part number	**Part number**			
CATHPAN	CAT16HPAB	CAT32HPAB	CAT48HPAB	CAT64HPAB
CATHPA4	CAT16HPBCB	CAT32HPAFAB3	CAT48HPAFAB3	CAT64HPAFAB3
CATHPA6	CAT16HPBC200B	CAT32HPAFAB4	CAT48HPAFAB4	CAT64HPAFAB4
CATHPTM	CAT16HP24SM	CAT32HPAFAB6	CAT48HPBCB	CAT64HPBCB
CATHPBCB	CAT16HP58SM	CAT32HPBCB	CAT48HP58SM	CAT64HPBC200B
CATHPBC200B	CAT16HP912SM	CAT32HPBC200B	CAT48HP912SM	CAT64HP58SM
CATHP912SM	CAT16HP24	CAT32HP24SM	CAT48HP24	CAT64HP912SM
CATHP24	CAT16HP58	CAT32HP912SM	CAT48HP58	CAT64HP24
CATHP58	-	CAT32HP24	-	-
CATHP912	-	-	-	-

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 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.

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