

Improved nVent CADDY Cat HP J-Hook

Data Solutions



The Improved nVent CADDY Cat HP J-Hook with BC26 Beam Clamp is an innovative assembly featuring a combination of the Improved nVent CADDY Cat HP J-Hook with a BC26 Beam Clamp attachment. This solution attaches easily to beam flanges, dramatically reducing installation time and improving productivity.

Engineered for high-performance data cable management, this system supports Cat 5e, Cat 6, Cat 6A, Cat 7, and fiber optic cables with superior fill capacity and load ratings compared to most non-continuous alternatives. The Assemblies' rounded edges ensure proper bend radius support, protecting cable integrity and optimizing performance.

CERTIFICATIONS



FEATURES

One through-hole for easier installation of threaded rod

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

Improved design allows for optimized inventory, 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

Complies with EN 50174-2

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

SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material | Finish | Color | Diameter (Ø) | Area |
|----------------|----------------|----------|---------------------------------------|--------|--------------|---------------------|
| CAT16HP | 181061 | Steel | Pregalvanized | | 25mm | 690mm ² |
| CAT16HPBU | 181252 | Steel | Pregalvanized, Painted, Painted | Blue | 25mm | 690mm ² |
| CAT16HPYL | 181254 | Steel | Pregalvanized, Painted, Painted | Yellow | 25mm | 690mm ² |
| CAT16HPOR | 181257 | Steel | Pregalvanized, Painted, Painted | Orange | 25mm | 690mm ² |
| CAT16HPRD | 181251 | Steel | Pregalvanized, Painted, Painted | Red | 25mm | 690mm ² |
| CAT16HPWH | 181253 | Steel | Pregalvanized, Painted, Painted | White | 25mm | 690mm ² |
| CAT16HPGR | 181256 | Steel | Pregalvanized, Painted, Painted | Green | 25mm | 690mm ² |
| CAT16HPBA | 181255 | Steel | Pregalvanized, Painted, Painted | Black | 25mm | 690mm ² |
| CAT21HPOR | 181187 | Steel | Pregalvanized, Painted, Painted | Orange | 33.3mm | 1174mm ² |
| CAT21HPGR | 181186 | Steel | Pregalvanized, Painted, Painted | Green | 33.3mm | 1174mm ² |
| CAT21HPYL | 181184 | Steel | Pregalvanized, Painted, Painted | Yellow | 33.3mm | 1174mm ² |
| CAT21HPBA | 181185 | Steel | Pregalvanized, Painted, Painted | Black | 33.3mm | 1174mm ² |
| CAT21HPWH | 181183 | Steel | Pregalvanized, Painted, Painted | White | 33.3mm | 1174mm ² |
| CAT21HPRD | 181181 | Steel | Pregalvanized, Painted, Painted | Red | 33.3mm | 1174mm ² |
| CAT21HP | 181188 | Steel | Pregalvanized | | 33.3mm | 1174mm ² |

| Catalog Number | Article Number | Material | Finish | Color | Diameter (Ø) | Area |
|----------------|----------------|----------|---------------------------------------|-------|--------------|---------------------|
| CAT21HPBU | 181182 | Steel | Pregalvanized, Painted, Painted | Blue | 33.3mm | 1174mm ² |
| CAT48HPGR | 181126 | Steel | Pregalvanized, Painted, Painted | Green | 75mm | 5974mm ² |
| CAT48HPBA | 181125 | Steel | Pregalvanized, Painted, Painted | Black | 75mm | 5974mm ² |
| CAT48HPWH | 181123 | Steel | Pregalvanized, Painted, Painted | White | 75mm | 5974mm ² |
| CAT48HPBU | 181122 | Steel | Pregalvanized, Painted, Painted | Blue | 75mm | 5974mm ² |

Table 2/2

| Catalog Number | Article Number | Material | Finish | Color | Diameter (Ø) | Area |
|----------------|----------------|----------|---------------------------------------|--------|--------------|---------------------|
| CAT48HPYL | 181124 | Steel | Pregalvanized, Painted, Painted | Yellow | 75mm | 5974mm ² |
| CAT48HP | 181063 | Steel | Pregalvanized | | 75mm | 5974mm ² |
| CAT48HPRD | 181121 | Steel | Pregalvanized, Painted, Painted | Red | 75mm | 5974mm ² |
| CAT48HPOR | 181127 | Steel | Pregalvanized, Painted, Painted | Orange | 75mm | 5974mm ² |
| CAT64HPWH | 181133 | Steel | Pregalvanized, Painted, Painted | White | 100mm | 9987mm ² |
| CAT64HPBA | 181135 | Steel | Pregalvanized, Painted, Painted | Black | 100mm | 9987mm ² |
| CAT64HPBU | 181132 | Steel | Pregalvanized, Painted, Painted | Blue | 100mm | 9987mm ² |
| CAT64HPRD | 181131 | Steel | Pregalvanized, Painted, Painted | Red | 100mm | 9987mm ² |
| CAT64HPGR | 181136 | Steel | Pregalvanized, Painted, Painted | Green | 100mm | 9987mm ² |

| Catalog Number | Article Number | Material | Finish | Color | Diameter (Ø) | Area |
|----------------|----------------|----------|---------------------------------------|--------|--------------|---------------------|
| CAT64HP | 181064 | Steel | Pregalvanized | | 100mm | 9987mm ² |
| CAT64HPOR | 181137 | Steel | Pregalvanized, Painted, Painted | Orange | 100mm | 9987mm ² |
| CAT64HPYL | 181134 | Steel | Pregalvanized, Painted, Painted | Yellow | 100mm | 9987mm ² |

Table 1/2

| Catalog Number | Article Number | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 | Cable Capacity, Cat 6A | Height (H) | Height 1 (H1) |
|----------------|----------------|------------------------|-----------------------|------------------------|------------|---------------|
| CAT16HP | 181061 | 20 | 15 | 10 | | 108.9mm |
| CAT16HPBU | 181252 | 20 | 15 | 10 | 109mm | |
| CAT16HPYL | 181254 | 20 | 15 | 10 | 109mm | |
| CAT16HPOR | 181257 | 20 | 15 | 10 | 109mm | |
| CAT16HPRD | 181251 | 20 | 15 | 10 | 109mm | |
| CAT16HPWH | 181253 | 20 | 15 | 10 | 109mm | |
| CAT16HPGR | 181256 | 20 | 15 | 10 | 109mm | |
| CAT16HPBA | 181255 | 20 | 15 | 10 | 109mm | |
| CAT21HPOR | 181187 | 50 | 40 | 25 | 122.17mm | |
| CAT21HPGR | 181186 | 50 | 40 | 25 | 122.17mm | |
| CAT21HPYL | 181184 | 50 | 40 | 25 | 122.17mm | |
| CAT21HPBA | 181185 | 50 | 40 | 25 | 122.17mm | |
| CAT21HPWH | 181183 | 50 | 40 | 25 | 122.17mm | |
| CAT21HPRD | 181181 | 50 | 40 | 25 | 122.17mm | |
| CAT21HP | 181188 | 50 | 40 | 25 | | 122.2mm |
| CAT21HPBU | 181182 | 50 | 40 | 25 | 122.17mm | |
| CAT48HPGR | 181126 | 200 | 150 | 80 | 164.6mm | |
| CAT48HPBA | 181125 | 200 | 150 | 80 | 164.6mm | |
| CAT48HPWH | 181123 | 200 | 150 | 80 | 164.6mm | |
| CAT48HPBU | 181122 | 200 | 150 | 80 | 164.6mm | |

Table 2/2

| Catalog Number | Article Number | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 | Cable Capacity, Cat 6A | Height (H) | Height 1 (H1) |
|----------------|----------------|------------------------|-----------------------|------------------------|------------|---------------|
| CAT48HPYL | 181124 | 200 | 150 | 80 | 164.6mm | |
| CAT48HP | 181063 | 200 | 150 | 80 | | 164.6mm |

| Catalog Number | Article Number | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 | Cable Capacity, Cat 6A | Height (H) | Height 1 (H1) |
|----------------|----------------|------------------------|-----------------------|------------------------|------------|---------------|
| CAT48HPRD | 181121 | 200 | 150 | 80 | 164.6mm | |
| CAT48HPOR | 181127 | 200 | 150 | 80 | 164.6mm | |
| CAT64HPWH | 181133 | 330 | 220 | 140 | 188.47mm | |
| CAT64HPBA | 181135 | 330 | 220 | 140 | 188.47mm | |
| CAT64HPBU | 181132 | 330 | 220 | 140 | 188.47mm | |
| CAT64HPRD | 181131 | 330 | 220 | 140 | 188.47mm | |
| CAT64HPGR | 181136 | 330 | 220 | 140 | 188.47mm | |
| CAT64HP | 181064 | 330 | 220 | 140 | | 188.5mm |
| CAT64HPOR | 181137 | 330 | 220 | 140 | 188.47mm | |
| CAT64HPYL | 181134 | 330 | 220 | 140 | 188.47mm | |

Table 1/2

| Catalog Number | Article Number | Height 2 (H2) | Static Load |
|----------------|----------------|---------------|-------------|
| CAT16HP | 181061 | 90.2mm | 267N |
| CAT16HPBU | 181252 | | 267N |
| CAT16HPYL | 181254 | | 267N |
| CAT16HPOR | 181257 | | 267N |
| CAT16HPRD | 181251 | | 267N |
| CAT16HPWH | 181253 | | 267N |
| CAT16HPGR | 181256 | | 267N |
| CAT16HPBA | 181255 | | 267N |
| CAT21HPOR | 181187 | | 267N |
| CAT21HPGR | 181186 | | 267N |
| CAT21HPYL | 181184 | | 267N |
| CAT21HPBA | 181185 | | 267N |
| CAT21HPWH | 181183 | | 267N |
| CAT21HPRD | 181181 | | 267N |
| CAT21HP | 181188 | 103.6mm | 267N |
| CAT21HPBU | 181182 | | 267N |
| CAT48HPGR | 181126 | | 267N |
| CAT48HPBA | 181125 | | 267N |
| CAT48HPWH | 181123 | | 267N |
| CAT48HPBU | 181122 | | 267N |

Table 2/2

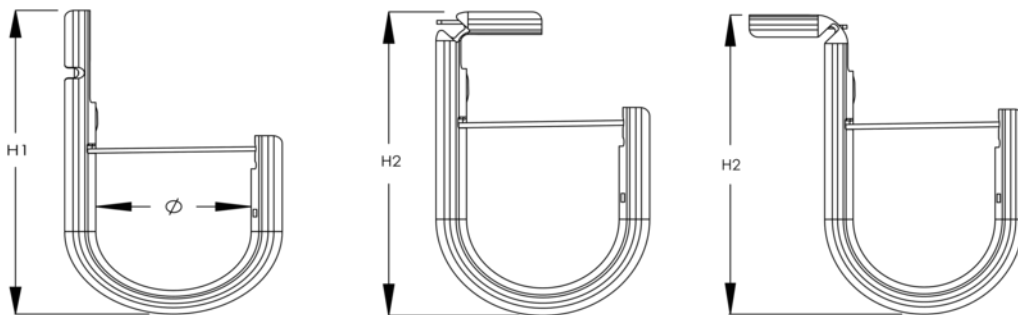
| Catalog Number | Article Number | Height 2 (H2) | Static Load |
|----------------|----------------|---------------|-------------|
| CAT48HPYL | 181124 | | 267N |
| CAT48HP | 181063 | 148.8mm | 267N |
| CAT48HPRD | 181121 | | 267N |
| CAT48HPOR | 181127 | | 267N |
| CAT64HPWH | 181133 | | 267N |
| CAT64HPBA | 181135 | | 267N |
| CAT64HPBU | 181132 | | 267N |
| CAT64HPRD | 181131 | | 267N |
| CAT64HPGR | 181136 | | 267N |
| CAT64HP | 181064 | 180mm | 267N |
| CAT64HPOR | 181137 | | 267N |
| CAT64HPYL | 181134 | | 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.

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.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE