

# nVent CADDY Cat HP J-Hook with BC Beam Clamp



## CERTIFICATIONS



## FEATURES

Easy installation to beam flanges

Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic

Provides superior fill capacity and load rating over most other non-continuous cable support alternatives

Rounded edges on J-Hooks provide proper bend radius support for high performance data cables

Cost effective alternative to expensive cable tray

Complies with EN 50174-2

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

## SPECIFICATIONS

**Finish:** Pregalvanized;nVent CADDY Armour

**Material:** Steel;Spring Steel

Table 1/2

| Catalog Number | Diameter (Ø) | Area | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 | Cable Capacity, Cat 6A | Flange Thickness (FT) |
|----------------|--------------|------|------------------------|-----------------------|------------------------|-----------------------|
|                |              |      |                        |                       |                        |                       |

|           |         |                     |     |     |     |           |
|-----------|---------|---------------------|-----|-----|-----|-----------|
| CAT16HPBC | 25 mm   | 690mm <sup>2</sup>  | 20  | 15  | 10  | 16 mm Max |
| CAT21HPBC | 33.3 mm | 1174mm <sup>2</sup> | 50  | 40  | 25  | 16 mm Max |
| CAT32HPBC | 50 mm   | 2561mm <sup>2</sup> | 90  | 60  | 35  | 16 mm Max |
| CAT48HPBC | 75 mm   | 5974mm <sup>2</sup> | 220 | 140 | 80  | 16 mm Max |
| CAT64HPBC | 100 mm  | 9987mm <sup>2</sup> | 330 | 220 | 140 | 16 mm Max |

Table 2/2

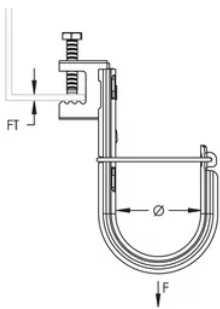
| Catalog Number | Static Load |
|----------------|-------------|
| CAT16HPBC      | 270N        |
| CAT21HPBC      | 270N        |
| CAT32HPBC      | 270N        |
| CAT48HPBC      | 270N        |
| CAT64HPBC      | 270N        |

## 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

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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.

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