

Tower Mounted Ground Bar



Most equipment on telecommunication towers are grounded by connecting a copper conductor to a ground bar mounted on the tower. The lead length of the conductor is often extensive, which adds resistance to the grounding system. Additionally, traditional ground bars are obtrusive and challenging to get close to other critical tower equipment.

nVent ERICO's Tower Mounted Ground Bar (ETMAGSDBT) is a compact ground bar with a unique bracket design that is easily installed to the tower head frame creating a direct, low-impedance electrical ground connection to the tower. Due to its compact size and unique direct-mounting feature, the Tower Mounted Ground Bar can be installed close to remote radio units, small cells, amplifiers, antennas and other equipment, effectively creating the grounding point closer to a denser area of the radio head frame.

The Tower Mounted Ground Bar can be installed on structural members and mounted directly onto the head frame. Using multiple Tower Mounted Ground Bars on a tower can reduce the amount of grounding wire required and increase the effectiveness of the grounding system.

FEATURES

Compact design fits in tight and confined locations

Easily attaches to steel mounting on tower headframe

Quick and easy installation

Reduction in amount of grounding conductors

10 double-hole lug attachment points including 4 side options

Replaces traditional ground bars

Galvanized steel mounting brackets

Available in tinned copper to reduce dissimilar metal issues

Box design is less obtrusive than traditional ground bars

SPECIFICATIONS

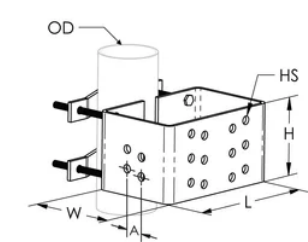
Table 1/2

Catalog Number	Material	Wire Size	Length (L)	Width (W)	Height (H)	Hole Size (HS)
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ETMAGSDBT	Tinned Copper	6.54 mm	184.1mm	120.6 mm	101.6 mm	11.1 mm
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Table 2/2	
Catalog Number	Outer Diameter (OD)
ETMAGSDBT	38 - 95 mm

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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