

# 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

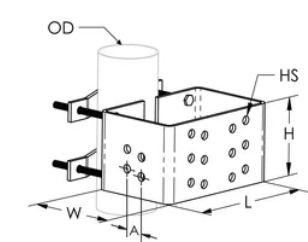
Table 1/2

Catalog Number	Material	Wire Size	Length (L)	Width (W)	Height (H)	Hole Size (HS)
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ETMAGSDBT	Tinned Copper	#2	7 1/4"	4 3/4"	4"	0.44"
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Table 2/2	
Catalog Number	Outer Diameter (OD)
ETMAGSDBT	1 1/2" - 3 3/4"

### 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.

#### North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical Support

#### Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

#### Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

#### APAC

Shanghai:  
+ 86 21 2412 1618/19  
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