# MBJ GROUNDING AND BONDING BRAID, TINNED COPPER, 120 A AMPACITY, 31.57 KCMIL, 5.906", 0.335" HOLE

## CATALOG NUMBER

**MBJ16-150-8**



MBJ Grounding and Bonding Braids are a reliable and convenient grounding solution for applications that require flexibility and durability. The tinned copper ground braids with massivated palms come ready to install without any additional cutting, stripping, crimping or punching and do not require the addition of tin or crimped lugs. The proprietary manufacturing process optimizes the electrical contact between each wire and helps eliminate moisture issues in the palms, preventing corrosion and lengthening the useful life of the braid.

## CERTIFICATIONS

## FEATURES

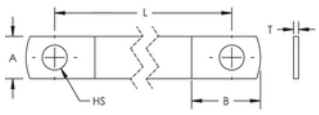
- Complete range of earth/ground flexible connections from 6 - 100 mm² (11.84 - 197.35 kcmil) cross section and from 100 - 500 mm (3.937" - 19.685") length
- Integral palm, without tin or crimped lugs for superior electrical contact and tensile strength resistance
- Resistant to vibration and fatigue, reducing maintenance
- Provides weight savings, material savings and lower impedance when compared to similar lugged cables with insulation
- Ready to use out of the box, eliminates the need for cutting, stripping, crimping and punching
- Quick and easy to install
- Recommended by the EMC/EMI directives and less impedance than cables
- EAC compliant
- RoHS compliant
- Compliant to ISO 6469-1 (Electrically propelled road vehicles - Part 1: Rechargeable energy storage system) - Section 6.2.2 Vibrations

## PRODUCT ATTRIBUTES

Article Number: 556630

| |
|---|
| Material: Copper |
| Finish: Tinned |
| Working Temperature: 105 °C max |
| Certification Details: UL® 467 |
| Complies With: IEC® 60439.1; IEC® 61439.1 |
| Ampacity: 120 A |
| Thickness: 1.5 mm |
| Cross Section: 16 mm² |
| Length: 150 mm |
| Hole Size: 8.5 mm |
| A: 15 mm |
| B: 20 mm |
| Unit Weight: 0.04 kg |

## 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.

**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
Sydney:
+61 2 9751 8500

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