

## MBJ Grounding and Bonding Braid, Tinned Copper – MBJ30-100-10 (556720)



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.

- Complete range of earth/ground flexible connections from 6 - 100 mm<sup>2</sup> (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



|                     |  |
|---------------------|--|
| Part Number         | MBJ30-100-10   |
| Article Number      | 556720   |
| Material            | Copper   |
| Finish              | Tinned   |
| Working Temperature | 105 °C Max   |
| Complies With       | IEC® 60439.1<br>IEC® 61439.1                         |
| Intensity           | 180 A  |
| Thickness (T)       | 2 mm   |
| Cross Section       | 30 mm <sup>2</sup>                                   |
| Length (L)          | 100 mm   |
| Hole Size (HS)      | 10.5 mm  |
| A                   | 22 mm  |
| B                   | 28 mm  |
| Unit Weight         | 0.032 kg   |
| Certifications      | cULus<br>EAC 7413000009 (Russian Federation)<br>RoHS |

|                             |               |
|-----------------------------|---------------|
| Part Number                 | MBJ30-100-10  |
| Standard Packaging Quantity | 10 pc         |
| UPC                         | 78285644958   |
| EAN-13                      | 3479775567204 |

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**WARNING**

Pentair products shall be installed and used only as indicated in Pentair's product instruction sheets and training materials. Instruction sheets are available at [erico.pentair.com](http://erico.pentair.com) and from your Pentair customer service representative. Improper installation, misuse, misapplication or other failure to completely follow Pentair's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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