

P.D.S.

- Bonding -

(CTI-TT-PDS-001\_A04)



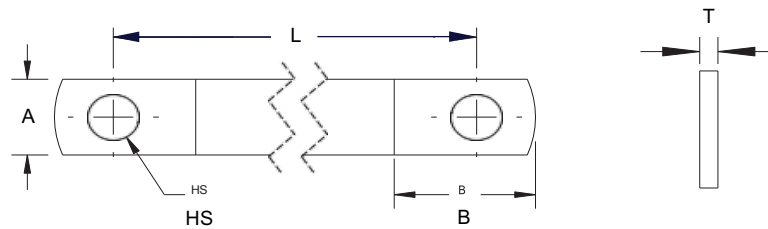
# PRODUCT DATA SHEET

## TTA-GRND-1600 Bonding Jumper



CT Innovations TTA-GRND-1600 Grounding and Bonding Braids are a reliable and convenient ground solution for applications that require flexibility and durability. Designed with halogen-free and flame retardant yellow green insulation, TTA-GRND-1600 braids are made with tinned copper ground braids and solid palms that are ready to install without any additional cutting, stripping, crimping, or punching. TTA-GRND-1600 braids do not require the addition of tin or crimped lugs and the proprietary manufacturing process helps optimize the electrical contact between each wire and helps eliminate moisture issues in the palms, helping prevent corrosion and extend the useful life of the braid.

- Integral palm, without tin or crimped lugs for superior electrical contact and tensile strength resistance.
- Resistant to vibration and fatigue, reducing maintenance.
- Provides weight and material savings plus 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.
- Halogen free and flame retardant yellow green insulation.
- Quick and easy to install.
- UL compliant.



Part Number	TTA-GRND-1600
Article Number	563614
Material	Copper and Polyolefin
Finish	Tinned
Dielectric Strength	15 kV/mm
Flammability Rating	UL® 224 VW-1
Halogen Free Rating	EN 14582
Nominal Voltage, UL/CSA/IEC	600 V
Working Temperature	-67 to 257 °F
Complies With	IEC® 60439.1 and IEC® 61439.1
Ampacity	1600 A
Cross Section	16 mm <sup>2</sup> (31.57 kcmil)
Thickness (T)	1.5 mm (0.059 inch)
Length (L)	300 mm (11.81 inch)
Hole Size (HS)	8.5 mm (0.335 inch)
Dimension (A)	15 mm (0.591 inch)
Dimension (B)	20 mm (0.787 inch)
Unit Weight	35 grams (0.079 lb.)
Certifications	c UL us
Hardware (Bolt & Nut) Size	6 mm (0.25 inch)