

Parallel Groove Bonding Connector

FUNCTION

Parallel Groove Bonding Connectors are used to permanently bond/join #14-10 AWG copper ground wire to #4-6AWG copper ground wire. Parallel Groove Connectors are commonly used in bonding telecom, CATV, and satellite television installations to the pre-existing common utility service ground wire that runs between the electric service panel and the ground rod. Parallel Groove Bonding Connectors are compliant with the practices outlined in Articles 800, 810, 820 and Section 250.94 of the NEC.

PLACEMENT

The Parallel Groove Bonding Connectors function similarly to a Split Bolt. The Connector is assembled on a non-terminal section of ground wire that is already installed and grounded (commonly referred to as the "run"). An intervening ground wire called the "tap" is bonded to the "run" to provide a path to grounding for other systems (ie; CATV, Telephone, and Satellite Television). The Parallel Groove Bonding Connector enables telecommunication providers to bond to pre-existing grounding connections without incurring the cost and time of installing additional ground rods.

MATERIAL SPECIFICATIONS

- Connector body is stamped from high-strength Silicon Bronze.
- Screw (1/4"-28 x 1/2") Slotted Hex Washer Head Machine Screw is formed from high strength Silicon Bronze.

FEATURES

- More economical and easier to install than split bolts or vice clamps.
- Designed to bond #6 copper to a #14, 12 or 10 AWG solid copper wire.
- The Connector is side-loaded and can be installed without disassembly or sliding over the end of the conductor.
- No loose parts to drop during installation.
- The ground wires are held firmly (by compressing) without scoring or deforming the conductors.
- Connector is formed from high strength Silicon Bronze to eliminate dissimilar metal issues and improve electrical characteristics.
- Concave shape of the connector jaws properly positions the conductors when being tightened.
- UL listed.

IDENTIFICATION

PART NO.	DESCRIPTION	STD PKG
1885	Parallel Groove Bonding Connector	100

Manufactured in the United States.



INSTALLATION

- 1 Slide Parallel Groove Bonding Connector over the #6AWG ground wire (RUN).
- 2 Slide the Connector over bonding wire (TAP). Leave no more than 1/4" to 1/2" of the TAP wire protruding from the connector. A lightning strike could potentially arc from a long conductor tail.
- 3 Tighten bolt.



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