

442C

Grounding Module for AC and Coax with AC Outlet and Coax Cable Grounding

CPE/Premise Wiring

FTTx

MDU

Utility/Municipality



The 442C Grounding Module detects the presence of AC power and ground, provides an auxiliary AC receptacle and ground connection. Two F-type female connectors provide means of grounding coax cable shield.

KEY PRODUCT BENEFITS

- ▶ Capable of terminating up to a #6 gauge grounding wire using a standard slotted screwdriver
- ▶ Ideal for applications where equipment does not have existing provisions for grounding through AC power cord and where common bonding of the coax cable ground is desired
- ▶ Provides an auxiliary AC receptacle
- ▶ Coax connectors provide in and out connections for the signals on the center conductors of the coax cable while shield is bonded to common ground
- ▶ Ground Indicator Circuit:

Ground Present: Green lamp “on” indicates the presence of a ground when plugged into an AC receptacle.

Ground Not Present: Red lamp “on” indicates that a ground is not present or that there may be a problem with the wiring.

Both indicator lamps “on” signify a possible wiring problem.

INDUSTRY STANDARDS

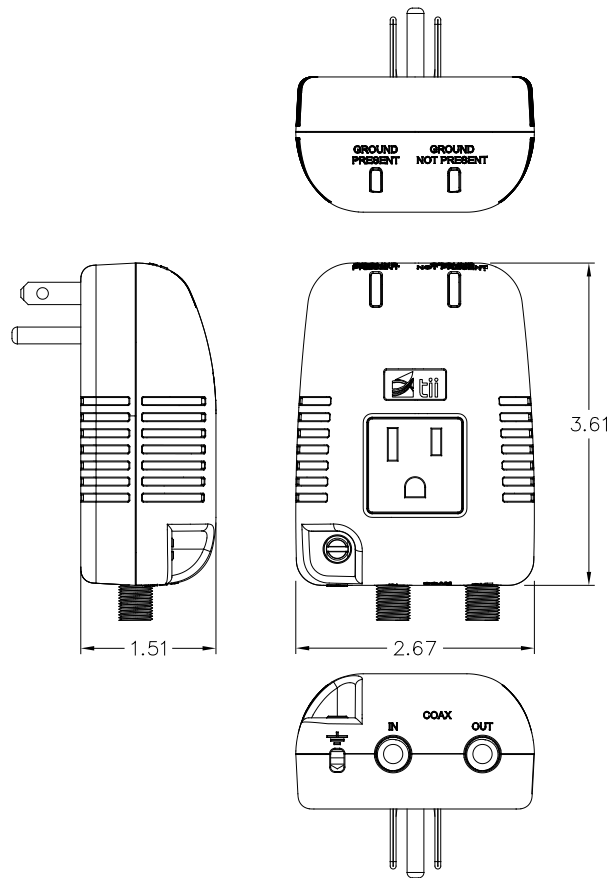
- ▶ Listed to UL 498A



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Dimensions are in Inches

SPECIFICATIONS

AC Receptacle Rating	15 Amp
Coax Shield to AC ground <i>(4 hours Continuous; Tested at Tii Facility)</i>	30 Amp Max.
Return Loss (DC - 850 MHz)	18 dB typical
Insertion Loss (DC - 850 MHz)	0.5 dB typical
Operating Temperature	-5° C to 65° C

ORDERING INFORMATION

Model No.	Description
442C	Grounding Module with Coax Connectors