

442C

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

Grounding Capability
Accepts up to a #6 Wire

Coax F-type Connectors
Provide Grounding to
Coax Cable Shield

Auxiliary AC Receptacle

Compact Size

Listed to UL 498A



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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:

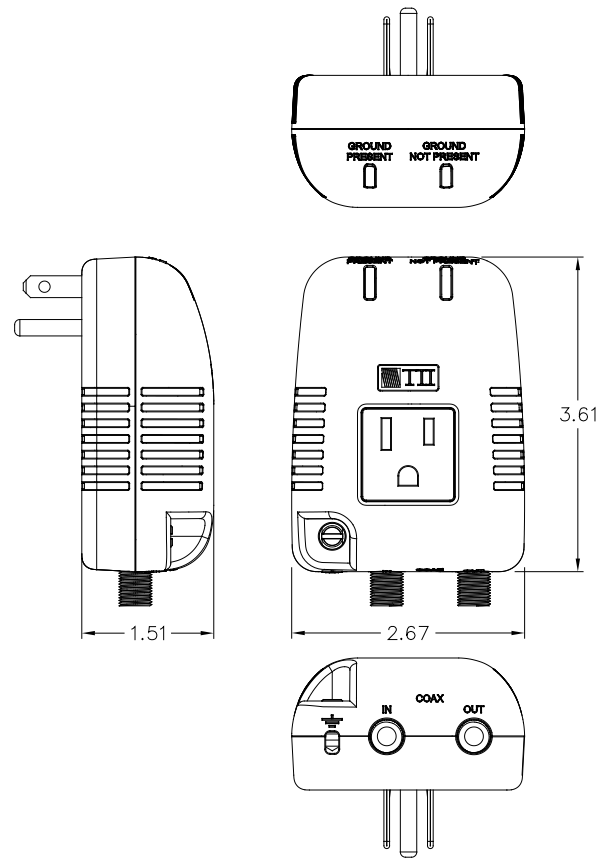
Ground Present: Green lamp "on" indicates the presence of a ground when plugged into an AC receptacle.

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



Dimensions are in Inches

SPECIFICATIONS

| | |
|--|----------------|
| AC Receptacle Rating | 15 Amp |
| Coax Shield to AC ground (4 hours Continuous; Tested at Tii Facility) | 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 |