

Installation Instructions

MGPI-2101PT-C Power Extractors



Pre-Installation

An existing pre-connectorized SOOW power cable cannot be removed in the field and reconfigured to a hardline coax. This work must be performed by Antronix. Please contact us to reconfigure.

When replacing fuses in the field, always use a fuse of the correct type and rating (available from specifications sheet and website).

Prepare the Power Extractor for Installation

1. Use a $\frac{5}{16}$ nut driver to loosen the four bolts on the lid.
2. Firmly pull on the 2 CENTER BOLTS to remove the lid.
3. Remove the fuses to reduce the potential for power surges.
4. Remove the hex port plug and yellow port cover from AC Port 1 (marked on device label).
5. Loosen the seizure screw.
6. Cut the connector pin to $1\frac{1}{4}$ in. using the trim guide on the housing.
7. Install the front portion of the pin connector into the unit's housing and hand tighten.
8. Complete tightening with an adjustable wrench for a $\frac{1}{8}$ to $\frac{1}{4}$ turn.
9. Tighten the seizure screw to 15 in-lbs.
10. Replace the hex port plug and tighten to 45 in-lbs.

Note: If power is to be passed down the hardline coax through AC Port 2, repeat steps 4 to 10. Install a hex port plug if AC Port 2 is not being used.

Direct Strand Mounting

1. Loosen the strand clamp assembly and install on strand.
2. Slide shrink boot over cable(s) if applicable.
3. Position cable(s) and tighten strand clamp to 70 in-lbs.
4. Prep the cables for installation according to the manufacturer's specification.
5. Complete installation of the cable connector onto the $\frac{5}{8}$ x 24 main cable port(s) by tightening according to manufacturer instructions.
6. If applicable, slide shrink boot over the entry connector until it touches main part of housing and shrink per manufacturer's guidelines.
7. Complete the installation and connections of the pre-wired AWG SOOW power cable(s) at the 10 ft. interface point according to the manufacturer's instruction.
8. Re-install the fuses.
9. Tighten the four lid bolts in the order numbered on the image below (bottom, then top, then left, then right) to 40 in-lbs.

Fuse Location

