Boosters Installation Instructions

Introduction

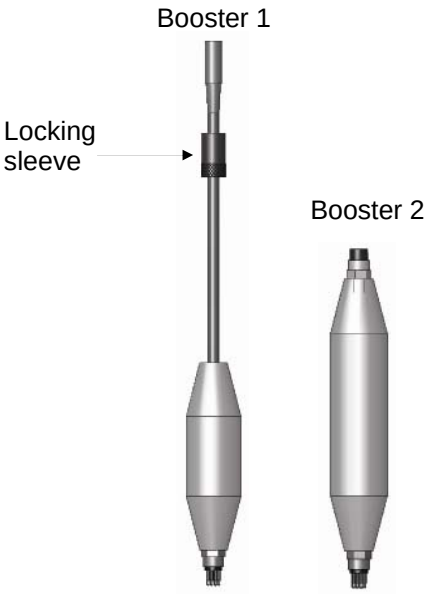
The Boosters (P/N: 2200-900) supply a stable source of power to and maintain a connection with the C6 Multi-Sensor Platform or C3 Submersible Fluorometer when sampling at depths greater than 10 meters. The rugged and simple design allows the Boosters to be used in any aquatic habitat regardless of weather condition, for long or short-term deployments.

Cables

The following cable lengths are available for purchase from Turner Designs:

- 10 meter (P/N 105-2595)
- 25 meter (P/N 105-2596)
- 50 meter (P/N 105-2597)

Turner Designs' cables are required for sampling at depths up to 10 meters. Boosters are required when sampling at depths greater than 10 meters.

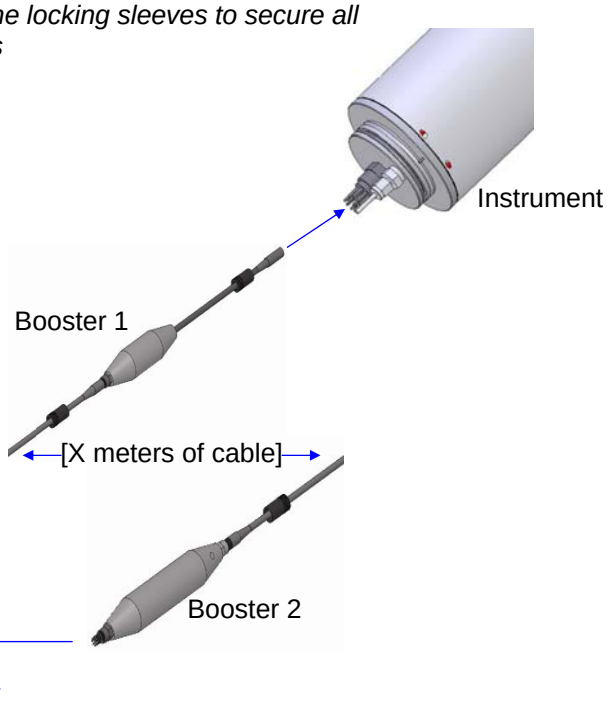


Male End Connectors

Installation

1) Connect Booster 1 female end to the instrument's male end connector.
2) Connect Booster 2 male end connector to the instrument's interface cable or an 8-pin pigtail cable's female end.
3) Connect any length of cable between Booster 1 & 2.
4) Connect the interface cable to Booster 2 to power and communicate with the instrument.
5) Connect an 8-pin pigtail cable to Booster 2 to power the instrument.
6) Use the Power Requirements table below to supply power to the instrument.

Note: use the locking sleeves to secure all connections



Power Requirements

Power Source	Voltage Required	Suggested Current
DC output from wall mount	15	1 Amp
Marine Battery	Standard 12	100 Amp Hour

Note: Turner Designs' Submersible Battery does not meet power requirements and cannot be used with Boosters.

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