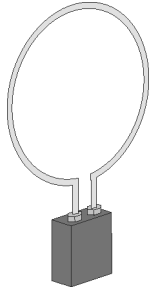


Model 1211D Power Separation Unit



- Used by the 1200 and 1700 series products
- Maximum cable length of 500 ft to receiver
- Aluminum case material

How to order: (Quick-ship range/option combinations available. See Web site.)

Enter the order code. For example:

1000-1211

Order code

Order codes

1000-1211 Model 1211D power separation unit

The 1211D power separation unit (PSU) is a flange mounted box which contains an impedance matching transformer and resonance capacitance decade switch. This device matches the high voltage low current 160 kHz oscillator power source to the low voltage high current single loop stationary antenna inserted into connections of the 1211D. In addition to transferring power to the transmitter, the antenna also receives the RF data signal and routes it via coaxial cable to the receiver for processing.

Specifications

Environmental

Temperature, operating -15 °C to 50 °C [5 °F to 122 °F]
Weight 3 lb

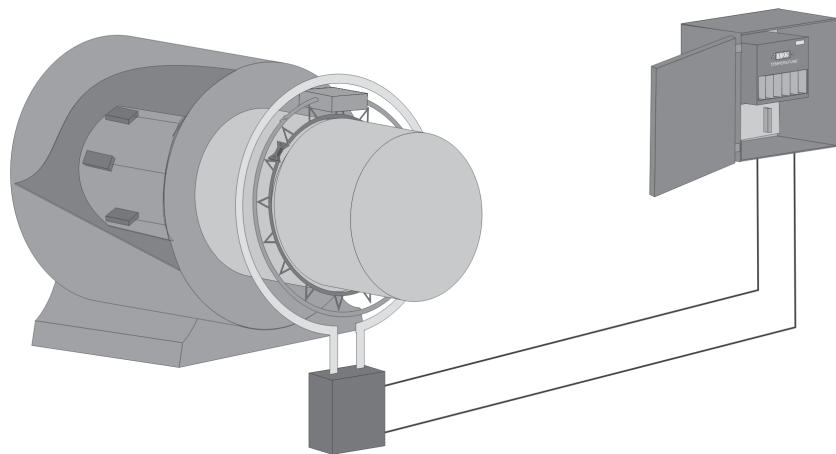
Electrical

Induction power source 160 kHz \pm 6 %
Cable length (PSU to receiver) Varies on application
Max. cable length (PSU to receiver) 152,4 m [500 ft]
Electrical termination BNC female
Mating connector BNC male

Mechanical

Dimensions (L x W x H) 152,4 mm x 101,6 mm x 50,8 mm [6 in x 4 in x 2 in]
Case material Aluminum

Typical system diagram



1211D as part of the 1700 monitoring system