

## EM-6844 | Antenna, Rugged, Long Wire



### Description

The EM-6844 Long Wire Antenna offers excellent coverage across its wide frequency range of 1.6MHz to 30MHz. With its robust and easily deployable package, this antenna is built to withstand extreme weather conditions making it ideal for the construction of Ad Hoc networks, use in emergency situations, or when a temporary installation is necessary.

The EM-6844 is also ideal for IPMS and SIGINT for long-wave radio frequencies. The EM-6844 can be discreetly deployed and left outside in harsh conditions thanks to its high-quality craftsmanship and rugged construction.

### Specifications

#### Electrical

**Frequency Range:** 1.6 MHz – 30 MHz

**Coverage:** Short Range: 0 km – 150 km

Medium Range: 150 km – 800 km

Long Range: > 800 km

**Impedance:** 50Ω, Nominal

**Power:** 150 Watts Continuous, 400 Watts Peak

**Connector:** Type 'N' (female)

#### Mechanical

##### Wire Dimensions:

Length: 18.1m (60')

Diameter: 12 Gauge (0.08")

##### Spool Dimensions:

Length: 17.8 cm (7")

Diameter: 15.2 cm (6")

**Weight:** 1.96 kg (1.5 lbs.)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

