

EM-6842 | Antenna, Rugged, Ultra-Wideband, Passive, Omni-Directional



Description

The EM-6841 is a Rugged Ultra-Wideband Passive Antenna with Omni-Directional radiation patterns covering the frequency range of 100 MHz - 70 GHz.

With nominal gains of 0 dBi or higher, this antenna is the perfect device for SIGINT or any other application where a small, rugged, high-performance passive antenna is required.

Specifications

Electrical

Frequency Range:	100 MHz - 70 GHz
Impedance:	50 Ohms, Nominal
Gain:	100 MHz - 70 GHz Nominal > 0 dBi @ 100 MHz Nominal -17 dBi @ 10 MHz Nominal - 40 dBi
Connector:	1.85 mm Female
Alternative Connectors:	N(f), 2.92mm(f)

Mechanical

Length:	63.5cm (25")
Diameter:	7.3cm (2.85")
Weight:	1.32 kg (2.9 lbs.)

Optional mounts available

Note: Alternate connector selection will degrade performance at antenna at frequencies above connector limits

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

