

EM-6104-1 | Omni-Directional Antenna**Features**

- **Small Size**
- **Very wide frequency coverage**

Description

The EM-6104-1 is an omni-directional, dual band, hybrid antenna covering 20 MHz-18 GHz. The antenna features wide frequency coverage making it an excellent choice for a variety of applications such as general purpose measurements as well as wideband security applications. This lightweight antenna is ideal for deployable applications that require wideband coverage in a very small footprint. The antenna's elements collapse for convenient storage and transport. The antenna is configured to mount on a standard 1/4-20 tripod stud. The EM-6104-1 Omni-Directional antenna is supplied with an EM-6089-1 Battery Pack.

Specifications**Electrical****Frequency Range:**

Upper Connector: 1000-18000 MHz

Lower Connector: 20-1000 MHz

Impedance: 50 Ohms, nominal

Gain: 20-1000 MHz

- 15 dBi @20 MHz

Increasing to +20 dBi @100 MHz

23 dBi Typical (100-1000 MHz)

1000-18000 MHz

-2 to +5 dBi

Polarization: Vertical

SWR (avg): <2.0:1

Output Connector: SMA (Jack) x 2

External Power

Source (Required): 12 V.D.C. 60 mA

Mounting: 1/4-20 thread

Mechanical (deployed)

Length: 30.4 cm (12")

Diameter: 25.4 cm (10")

Weight: .8 kg (1.8 lb.)

EM-6089-1
Battery Pack
(included with
EM-6104-1)



