

## **EM-6104 OMNI-DIRECTIONAL ANTENNA**



### **Features**

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

### **Description**

The new EM-6104 is an omni-directional dual band hybrid antenna covering 20 MHz-18 GHz. The antenna features wide frequency coverage which makes it an excellent choice for a variety of applications such as general purpose measurements as well as wideband security applications. This antenna was designed for lightweight, 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.

# EM-6104

## WIDEBAND DIRECTIONAL ANTENNA

### Specifications

#### Electrical

Frequency Range:

Upper Connector: 1000-18000 MHz

Lower Connector: 20-1000 MHz

Impedance: 50 Ohms, nominal

Output Connector: SMA (Jack) x 2

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

Gain: 20-1000 MHz 1000-18000 MHz

-15 dBi @20 MHz -2 to +5 dBi

*Increasing to +20 dBi @100 MHz*

*23 dBi Typical (100-1000 MHz)*

SWR (avg): <2.0:1

Mounting: 1/4-20 thread

#### Mechanical (deployed)

Length: 30.4 cm (12")

Diameter: 25.4 cm (10")

Weight: .8 kg (1.8 lb.)

*Optional external battery pack available*

Specifications subject to change without notice.  
Unless otherwise specified, product is manufactured in Johnstown, NY USA.

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