

EM-6851 | Antenna, Omni Directional Wideband



Features

- Small size
- Wide frequency coverage
- Omni-directional response
- Compatible with any 50 ohm measurement instrument
- Flat frequency response

Description

The new EM-6851 Omni-Directional Wideband Antenna is capable of operating as either a transmitting or receiving antenna over the 2 to 18 GHz frequency range. This antenna provides a 45% size reduction when compared to similarly performing models. The antenna is enclosed in a weather-resistant radome. The length of the support rod allows a microwave amplifier to be connected directly to the output connector, reducing the potential signal loss compared to an amplifier connected at a more distant point.

Specifications

Electrical

Frequency Range:	2 GHz - 18 GHz
Polarization:	Vertical
Output Impedance:	50 Ohms, nominal
VSWR, average:	< 2:1 etypical
Gain:	0 to +5 dBi
Connector:	Type SMA (Female)
Continuous Power:	5 W

Mechanical

Diameter:	10.16 cm (4")
Height, Shield Tube:	4.90 cm (1 15/16")
Overall Height: (Antenna & Support Rod)	33.0 cm (13")
Weight:	46 kg (1 lb.)
Rod Mounting:	Standard ¼ - 20 Thread
Antenna Mounting:	Mate to #8-32 Stud

Ref: 160921

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

