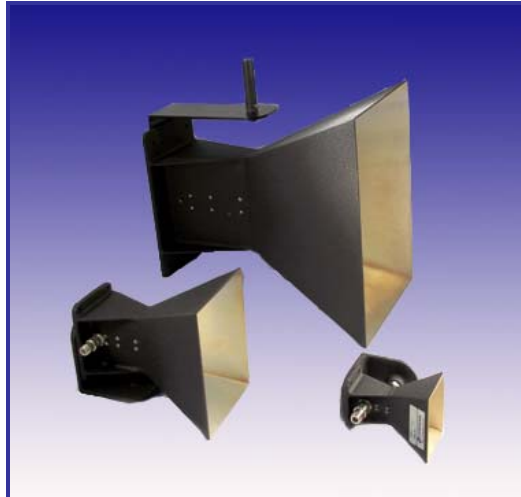


EM-7020, EM-7021, EM-7022 | Antennas, Octave Band Horn**Description**

Electro-Metrics offers three horn antennas, each covering an octave bandwidth from 1 to 10 GHz. The horns are individually calibrated and can be used for either receiving or transmitting applications. They are especially suited to radiated immunity testing and can be used to generate fields in excess of 200 Volts/meter. All three horns feature type "N" connectors and exhibit low VSWR to ensure compatibility with power amplifiers.

NOTE: EM-7020, EM-7021, EM-7022 Octave Band Horn Antennas can also be purchased separately.

Specifications**Electrical****Frequency Range (calibrated):**

EM-7020:	1 – 2.5 GHz
EM-7021:	2 – 5 GHz
EM-7022:	4 – 10 GHz
Power Handling:	200 Watts
Output Impedance:	50 Ohms, nominal
VSWR:	2.0:1
Gain:	12 - 17 dB, typical
Connector:	Type N, female

Mechanical**Dimensions:****EM-7020:**

Length:	44.5 cm (17.5")
Width:	30.2 cm (11.9")
Height:	40.3 cm (15.9")
Weight:	6.0 kg (13.0 lbs.)

EM-7021:

Length:	21.6 cm (8.5")
Width:	16 cm (6.3")
Height:	20.3 cm (8.0")
Weight:	1.0 kg (2.2 lbs.)

EM-7022:

Length:	12.7 cm (5.0")
Width:	8.38 cm (3.3")
Height:	10.9 cm (4.3")
Weight:	.54 kg (1.2 lbs.)

Ref: 110215

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

