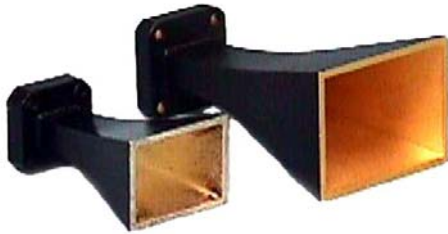


EM-6965 | Antenna, Standard Gain Horn Set**Description**

The Electro-Metrics EM-6965 Standard Gain Horn Antenna Set, which includes EM-6966 and EM-6967, was designed specifically for EMI measurements and specification compliance testing in the 18 - 40 GHz range.

The EM-6965 set is used in conjunction with Electro-Metrics EM-2135 Interference Analyzer. The EM-6965 set can also be used in Electro-Metrics Automated RFI/EMC Systems, FSS Series or their Calculator Controlled EMI Systems, CCS Series.

Applications

The EM-6965 small size makes it an excellent antenna for use in a screen room where space is limited and where proximity effects must be minimized.

The EM-6965 Standard Gain Horn Set is particularly suited for military EMI specification compliance procedures such as MIL-STD 461/462 in the microwave frequency range.

Note: *EM-6965 Standard Gain Horn Antennas can also be purchased separately as EM-6966 or EM-6967.*

Specifications**Electrical**

Frequency Range (calibrated):
18 – 40 GHz

EM-6966: 18 – 26.5 GHz

EM-6967: 26.5 – 40 GHz

Average VSWR: 1.15 maximum

Beam Width: 20 to 30 degrees in both planes.

Waveguide Size: **EM-6966:** WR-42
EM-6967: WR-28

Gain: 15 dB at low frequency end
18 dB at high frequency end

Mechanical**EM-6966**

Length: 69.6 mm (2.74")

Width: 28.6 mm (1.126")

Height: 38.1 mm (1.50")

EM-6967

Length: 57.2 mm (2.25")

Width: 19.1 mm (0.75")

Height: 25.4 mm (1.00")

Ref: 100429

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



