

EM-7101 | Antenna Kit, Standard Gain Horn



Description

The EM-7101 standard gain horn antenna kit features the EM-7103 (18GHz-26.5GHz) and the EM-7104 (26.5GHz-40GHz) standard gain horn antennas covering the frequency range of 18GHz to 40GHz.

The EM-7103 and EM-7104 horn antennas included are waveguide compatible and can be used with any standard WR42 or WR28 waveguide components.

The kit can be purchased with an optional carrying case as well as with 1m gain and antenna factor calibration for both antennas, making this kit both field and measurement ready out of the box.

Specifications

Electrical

Frequency Range: 18GHz – 40GHz

Polarization: Linear, Vertical

VSWR: >1.3:1 Typical

Impedance: 50Ω, Nominal

Gain: 15-20 dBi Nominal

Kit Contents

EM-7103 | 18GHz-26.5GHz, SMA

EM-7104 | 26.5GHz-40GHz, 2.92mm 'K'

Mechanical

EM-7103 Dimensions:

Length: 7.7cm (3.03 in.)

Width: 5.2cm (2.05 in.)

Height: 3.2cm (1.26 in.)

Weight: 60g (0.13 lbs.)

EM-7104 Dimensions:

Overall Length: 7.2 cm (2.8")

Width: 4.3 cm (0.7")

Height: 2.7 cm (1.2")

Weight: 45g (0.10 lbs.)

Color Options:

- Black (default)
- Custom colors available upon request

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

