

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, along with a protective carrying case.

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

Each antenna is individually calibrated at 1m for both gain and antenna factor, 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:	Rugged Carrying Case
	EM-7103 18GHz-26.5GHz, SMA
	EM-7104 26.5GHz-40GHz, 2.92mm 'K'

Mechanical

	EM-7103	EM-7104
Length:	7.7 cm (3.03 in.)	7.2 cm (2.8 in.)
Width:	5.2 cm (2.05 in.)	4.3 cm (1.7 in.)
Height:	3.2 cm (1.26 in.)	2.7 cm (1.1 in.)
Weight:	60g (0.13 lbs.)	45g (0.10 lbs.)
Color Options:	<ul style="list-style-type: none"> • 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.

