

Double-Ridged Waveguide Horn HF906



(HF906 with Wooden Tripod HZ-1)

Brief description

The linear polarized Double-Ridged Waveguide Horn HF906 works as a broadband and compact transmitting and receiving antenna in the frequency range of 1 GHz to 18 GHz. Because of its individual calibration the main application of the antenna is EMI and EMS. High gain and low VSWR result in the generation of high fieldstrength with less reflections and in measuring small signals.

- Extremely wide frequency range 1 GHz to 18 GHz
- Easy to handle
- Compact size
- Individual calibration acc. ANSI C63.5 and DIN45003

Specifications

Frequency range	1 GHz to 18 GHz
Polarization	linear
Nominal impedance	50 Ω
VSWR	<1.5 (typ.)
Gain	7 dBi to 14 dBi (typ.)
Max. permissible input power	300 W CW 500 W Peak
RF connector	N female
Dimensions	
Width	250 mm
Height	160 mm
Length	
(without mounting adapter)	209 mm
(with mounting adapter)	290 mm
Weight	1.5 kg (appr.)
MTBF	>0.25x10 ⁶ h

Recommended extras

Wooden Tripod	HZ-1
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