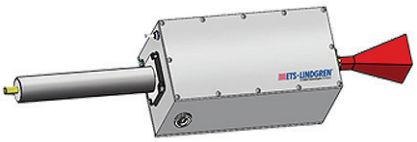
ANTENNA MODEL 3160-09



ETS-Lindgren's 3160-09 Rectangular Waveguide Horn Antenna with Pre-Amplifier (114514) is a special version of our popular model 3160-09 Rectangular Waveguide Horn Antenna, fitted with a pre-amplifier package and calibrated as a single unit. By doing this, any possible mismatches between antenna and pre-amplifier are taken into account in the antenna factor (AF), which is provided with this unit. The antenna is ideal as a receive antenna for emissions testing for 18 GHz – 26.5 GHz.

MODEL 3160-09

- **Ideal as a receive antenna for emissions testing for 18 GHz – 26.5 GHz**
- **Maintains single lobe radiation**
- **Provides low AF that is less than 6 dB (1/m) typical for the entire frequency range**

Electrical Specifications

Model	Frequency	E-Plane	H-Plane	Maximum Continuous Power
3160-09	18 GHz – 26.50 GHz	27	27	50 W

Electrical Specifications

Model	Impedance (Nominal)	Gain	Pattern Type	Polarization
3160-09	50 Ohms	16.8 dBi	Directional	Linear

Physical Specifications

Model	Connectors	Waveguide Type	Weight	Width	Depth	Height
3160-09	Type N Female	WR-42	0.11 kg (0.24 lb)	3.84 cm (1.51 in)	10.49 cm (4.13 in)	2.95 cm (1.16 in)

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Information presented is subject to change as product enhancements are made.
Contact ETS-Lindgren Sales Department for current specifications.