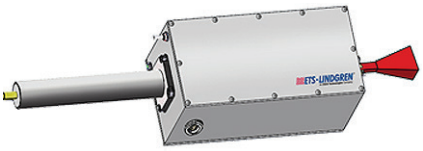
ANTENNA MODEL 3160-10



ETS-Lindgren's 3160-10 with Pre-Amplifier Antenna (120722) is a special version of our popular model 3160-10 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 26.5 GHz – 40 GHz.

MODEL 3160-10

- **Ideal as a receive antenna for emissions testing for 26.5 GHz – 40 GHz**
- **Maintains single lobe radiation**
- **Provides low AF that is less than -20 dB (1/m) typical for the entire frequency range**

Electrical Specifications

Model	Frequency	E-Plane	H-Plane	Maximum Continuous Power
3160-10	26.50 GHz – 40 GHz	27	27	10 W

Electrical Specifications

Model	Impedance (Nominal)	Gain	Pattern Type	Polarization
3160-10	50 Ohms	17 dBi	Directional	Linear

Physical Specifications

Model	Connectors	Waveguide Type	Weight	Width	Depth	Height
3160-10	Type N Female	WR-28	0.06 kg (0.13 lb)	2.76 cm (1.09 in)	8.69 cm (3.42 in)	2.15 cm (0.85 in)

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