ANTENNA MODEL 3126C

MODEL 3126C

- **Meets CTIA +/- 0.1 Symmetry Requirement**
- **Precision Gain for Range Calibration**
- **Broadband Frequency Range to Cover Multiple Wireless Device Bands**

ETS-Lindgren's 3126C Series of Precision Reference Sleeve Dipoles are truly omnidirectional antennas, having an electric dipole pattern approaching that of a half-wave resonant dipole, with typical gains between 1.5 and 2.0 dB. With a frequency bandwidth of 1 GHz, the 3126C replaces multiple narrowband dipoles, thus enabling the usage of fewer dipoles to calibrate the chamber.

Technical Specifications

Electrical Specifications (All Models)	
Impedance (Nominal)	50
Maximum Continuous Power	1W
VSWR	<3:1 Typical
Connectors	SMA Female
Pattern Type	Omnidirectional
Polarization	Linear
Frequency	Corresponds with hyphenated model number

Electrical Specifications

Model 3126C	Frequency
3126C-3500	3 GHz–4 GHz
3126C-4500	4 GHz–5 GHz
3126C-6500	6 GHz–7.2 GHz

Physical Specifications

Model 3126C	Diameter A	Diameter B	Overall Length
3126-3500	1.9 cm (0.75 in)	7.62 cm (1.06 in)	21.11 cm (8.31 in)
3126-4500	1.9 cm (0.75 in)	7.62 cm (1.06 in)	21.11 cm (8.31 in)
3126-6500	1.9 cm (0.75 in)	7.62 cm (1.06 in)	21.11 cm (8.31 in)

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