

ANTENNA MODEL 3164-06



- MODEL 3164-06**
- Linear or Circular Polarization (With Hybrid)
 - Compact Design
 - Flat Gain For Upper 2/3 of Range

ETS-Lindgren's Model 3164-06 Open Boundary Quad-ridged Horn Antenna's open boundary design is similar to two double-ridged waveguide antennas orthogonally to each other. The antennas surprisingly compact size offers improved pattern and gain when compared with enclosed quad-ridged horns of similar dimensions.

The 3164-06 has exceptional bandwidth, with operating frequency band for optimum performance from 300 MHz to 6 GHz. Two orthogonally placed input feeds allow this antenna to generate both linear and circular polarized measurements across the entire frequency band, without manual polarization.

Technical Specifications

Electrical	
Frequency Minimum	300 MHz
Frequency Maximum	6 GHz
Impedance (Nominal)	50
Maximum Continuous Power	150 W at 300 MHz, 25 W at 6 GHz
Cross Polarization Isolation	>25 dB
Pattern Type	Directional
Polarization	Dual Linear
Max VSWR	<6.5:1
Connectors	SMA Female (2)
Physical	
Height	50.80 cm (20 in)
Width	50.80 cm (20 in)
Depth	50.80 cm (20 in)
Weight	9.3 kg (20.50 lb)