



Wideband Double-Ridged Horn Antenna

Part No: HD-80180DRHA10NK

1.0	Mechanical Specifications	
1.1	Connector type	N-Female
1.2	Material	Aluminum
2.0 Electrical Specifications		
2.1	Frequency Range	8-18 GHz
2.2	VSWR (Max)	2.5
2.3	Gain (Avg)	10-12 dB
2.4	Beamwidth (Avg)	E-Plane: 21-34°
		H-Plane: 21-44°
2.5	Polarization	Vertical and Horizontal
2.6	Input Impedance	50 Ohm
3.0 Outline Drawings		
<p>The drawing shows two views of the antenna. The left view is a side profile showing the horn's flared shape with a base width of 80 and a height of 34.5. The right view is a front view showing a square horn with a width of 60 and a height of 50. A red dashed line indicates the center axis. An N-50K connector is shown at the top with a label 'N-50K' pointing to it.</p>		



Revision History

Date	Revision	Changes
23-April-2005	1	First release

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