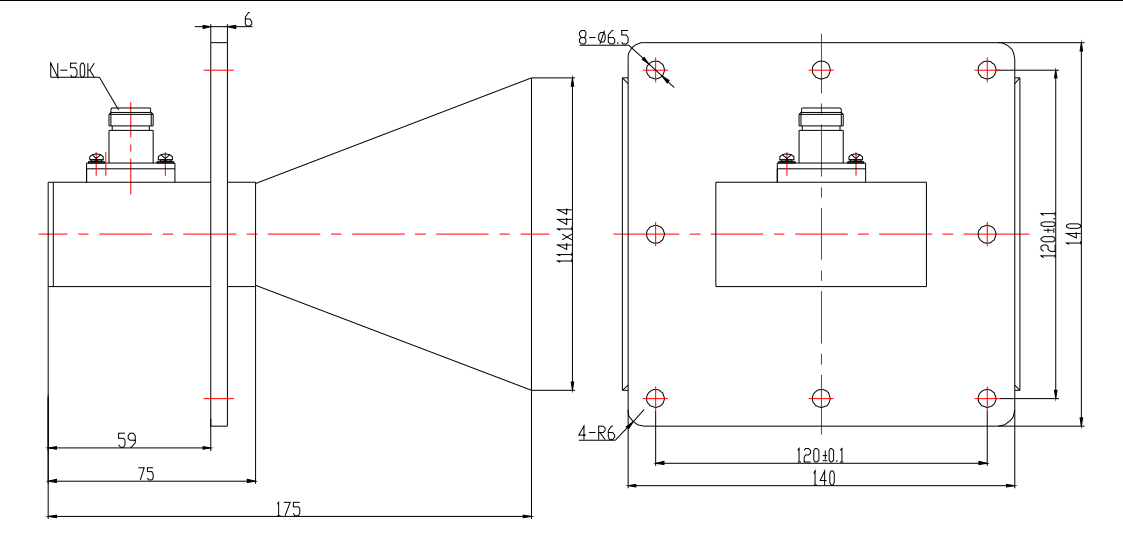


Standard Gain Horn Antenna

Part No: VT32SGAH10NK

1.0	Mechanical Specifications	
1.1	Waveguide type	WR284
1.2	Connector type	N-Female
1.3	Material	Aluminum
1.4	Inside finish	Chromate conversion
1.5	Outside finish	Anticorrosion grey paint
2.0 Electrical Specifications		
2.1	Frequency Range	2.6-3.95 GHz
2.2	VSWR (Max)	1.50
2.3	Gain (Avg)	10 dB
3.0 Outline Drawings		
 <p>The drawing consists of two views: a side view on the left and a top view on the right. The side view shows a horn antenna with a total length of 175 units. The narrow end has a diameter of 59 units, and the wide end has a diameter of 114 units. The horn length is 114 units. A vertical waveguide section of length 6 units is attached to the wide end. An N-50K connector is mounted on the waveguide. The top view shows a rectangular horn with a width of 140 units and a height of 140 units. The narrow end has a width of 120 units. There are 8 mounting holes, each with a diameter of 6.5 units, arranged in two rows of four. The distance between the centerlines of the two rows is 120 units. The distance between the centerlines of the four holes in each row is 140 units. There are 4-R6 chamfers on the corners of the horn. A dashed red line indicates the centerline of the horn.</p>		



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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