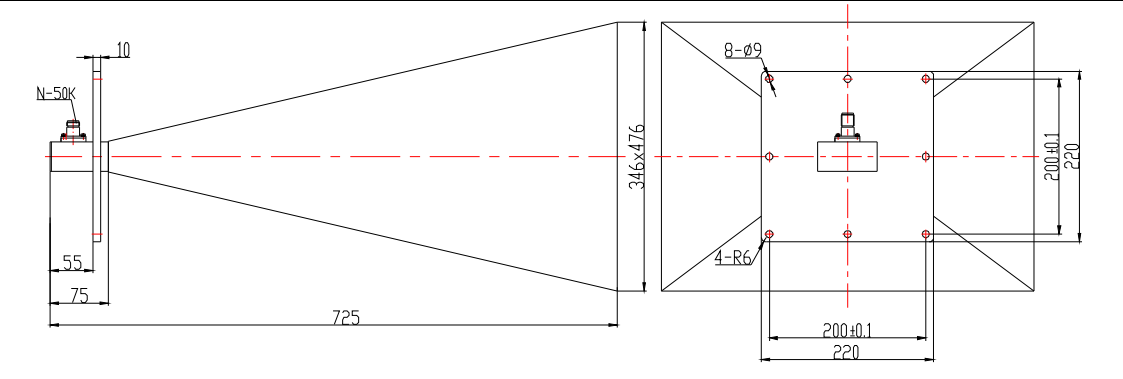


Standard Gain Horn Antenna

Part No: VT32SGAH20NK

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)	20 dB
3.0	Outline Drawings	
 <p>The drawing shows two views of the antenna. The left view is a side profile showing a horn with a total length of 725 mm. The horn's width at the narrow end is 55 mm, and at the wide end, it is 346 mm. The height of the wide end is 476 mm. A connector is located at the narrow end, with a height of 10 mm and a diameter of N=50K. The distance from the centerline to the bottom edge at the wide end is 75 mm. The right view is a front view showing a square horn with a side length of 220 mm. It features 8 holes of diameter 9 mm (8-Ø9) and 4 radiused corners (4-R6). The distance from the centerline to the bottom edge is 200±0.1 mm, and the total height is 220 mm.</p>		



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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