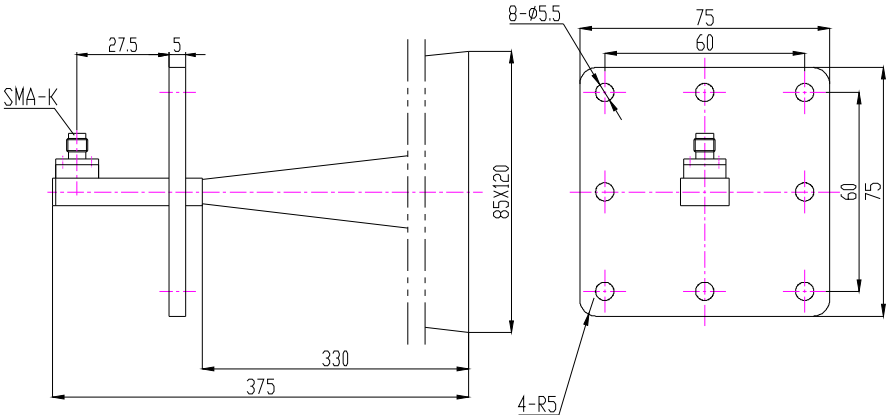


Standard Gain Horn Antenna

Part No: VT220SGAH25SK

1.0	Mechanical Specifications	
1.1	Waveguide type	WR42
1.2	Connector type	SMA-Female
1.3	Material	Copper
1.4	Inside finish	Silver plating
1.5	Outside finish	Anticorrosion grey paint
2.0	Electrical Specifications	
2.1	Frequency Range	17.6-26.7 GHz
2.2	VSWR (Max)	1.50
2.3	Gain (Avg)	25 dB
3.0	Outline Drawings	
 <p>The drawing shows two views of the antenna. The side view on the left indicates a total length of 375 mm, with a horn section of 330 mm. The SMA-K connector is positioned 27.5 mm from the start of the horn, and the horn's narrow end has a thickness of 5 mm. The horn's height is 85 mm. The top view on the right shows a rectangular horn with a width of 75 mm and a depth of 60 mm. It features 8 mounting holes, each with a diameter of 5.5 mm (8-Ø5.5), and 4 rounded corners with a radius of R5 (4-R5).</p>		



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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Email: sales@vectortele.com

www.vectortele.com

Vector Telecom Pty Ltd

Level 40, 140 William Street, Melbourne VIC 3000, Australia
Tel: +61 3 9607 8357 - Fax: +61 3 9607 8282 - www.vectortele.com