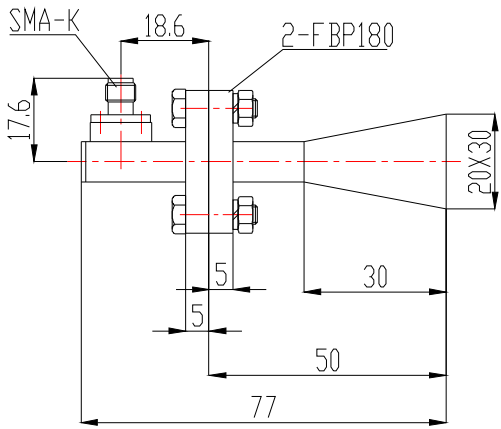


Standard Gain Horn Antenna

Part No: VT180SGAH10+SK

1.0	Mechanical Specifications	
1.1	Waveguide type	WR51
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	14.5-22 GHz
2.2	VSWR (Max)	1.50
2.3	Gain (Avg)	10 dB
3.0	Outline Drawings	
 <p>The drawing shows a side view of the antenna. Key dimensions include: SMA-K connector height of 17.6, a distance of 18.6 from the connector to the start of the horn, a horn length of 30, a horn mouth width of 20x30, a distance of 5 from the horn start to the centerline, a total distance of 50 from the horn start to the end of the antenna, and a total antenna length of 77. Two feed points are labeled '2-FBP180'.</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