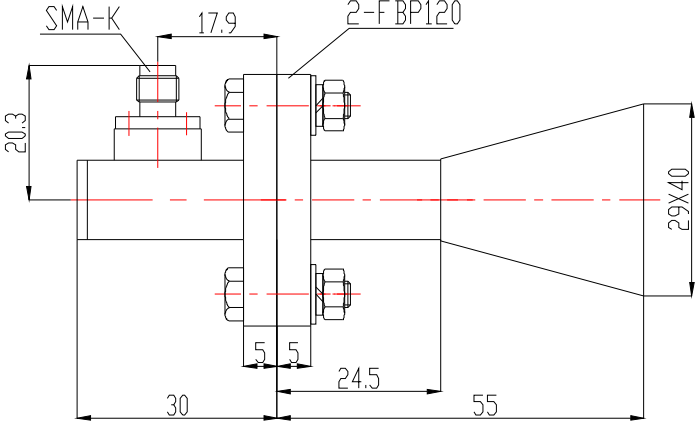


## Standard Gain Horn Antenna

Part No: VT120SGAH10+SK

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR75
1.2	Connector type	SMA-Female
1.3	Material	Aluminum
1.4	Inside finish	Chromate conversion
1.5	Outside finish	Anticorrosion grey paint
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	9.84-15 GHz
2.2	VSWR (Max)	1.50
2.3	Gain (Avg)	10 dB
<b>3.0 Outline Drawings</b>		
 <p>The drawing shows a side view of the antenna with the following dimensions and labels:</p> <ul style="list-style-type: none"> <li><b>SMA-K</b>: Label for the SMA connector on the left.</li> <li><b>17.9</b>: Dimension from the SMA connector to the start of the horn.</li> <li><b>20.3</b>: Vertical dimension of the SMA connector.</li> <li><b>2-FBP120</b>: Label for the two female BNC connectors on the right.</li> <li><b>29X40</b>: Vertical dimension of the horn's mouth.</li> <li><b>30</b>: Total length of the antenna.</li> <li><b>5</b>: Two small dimensions indicating the offset of the BNC connectors.</li> <li><b>24.5</b>: Dimension from the start of the horn to the BNC connectors.</li> <li><b>55</b>: Dimension from the SMA connector to the BNC connectors.</li> </ul>		



## Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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