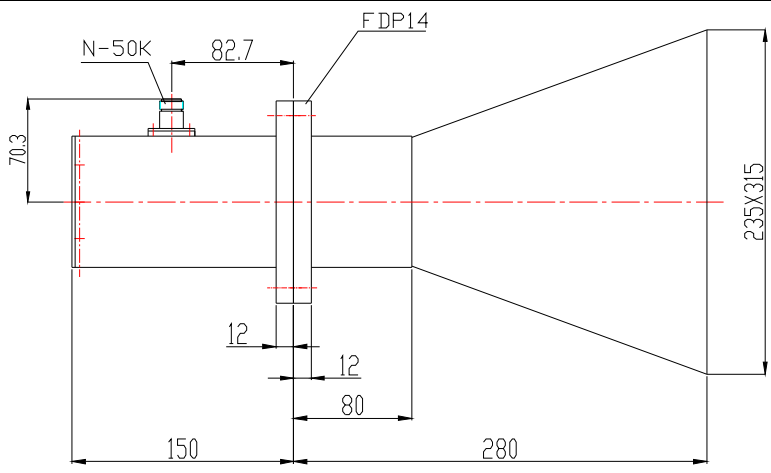


## Standard Gain Horn Antenna

Part No: VT14SGAH10+NK

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide type WR650
1.2	Connector type N-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 1.13-1.73 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. Key dimensions include: a total length of 280 units, a horn mouth width of 235x315 units, a waveguide section length of 80 units, and a total body length of 150 units. A connector labeled 'N-50K' is mounted on the waveguide section, with a distance of 82.7 units from its center to the start of the horn. The horn's throat diameter is 12 units. A component labeled 'FDP14' is located at the junction of the waveguide and the horn. A vertical dimension of 70.3 units is shown for the waveguide section, and a horizontal dimension of 12 units is shown for the horn's throat diameter.</p>	



## Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

Information furnished is believed to be accurate and reliable. However, Vector Telecom assumes no responsibility for the consequences of use of such information nor for any infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Vector Telecom. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. Vector Telecom products are not authorized for use as critical components in life support devices or systems without express written approval of Vector Telecom.

The Vector Telecom logo is a registered trademark of Vector Telecom Pty Ltd.

© 2006 Vector Telecom Pty Ltd - All rights reserved

Email: [sales@vectortele.com](mailto:sales@vectortele.com)

[www.vectortele.com](http://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](http://www.vectortele.com)