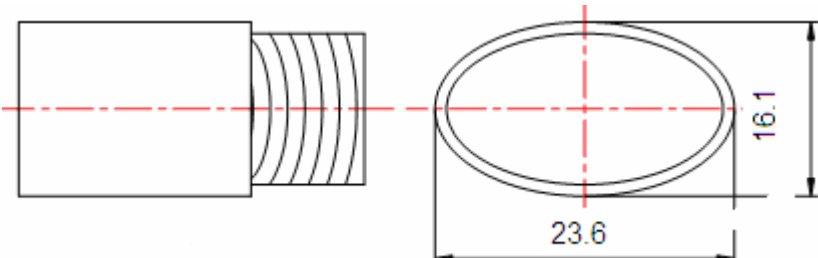




## Elliptical Waveguide

Part No: VT188EWAL

<b>1.0 Mechanical Specifications</b>		
1.1	Waveguide Type	Elliptical Waveguide for WR62/WR42
1.2	Conductor Material	Corrugated Copper
1.3	Jacket Material	Black Polyethylene
1.4	Min Bend Radius (E Plane)	150 mm
1.5	Min Bend Radius (H Plane)	380 mm
1.6	External Diameter	23.6×16.1 mm
1.7	Weight	0.22 kg/m
1.8	Operating Temp Range	-40°C ~ +65°C
1.9	Storage Temp Range	-55°C ~ +85°C
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	17.7-19.7 GHz
2.2	VSWR (Max)	1.25
2.3	Attenuation (dB/100 m) (Max)	20.5@17.7GHz 19.0@19.7GHz
2.4	Power Handling	7 kW (Peak)
<b>3.0 Outline Drawing (for reference only)</b>		
		



## Revision History

Date	Revision	Changes
25-Aug-2013	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)