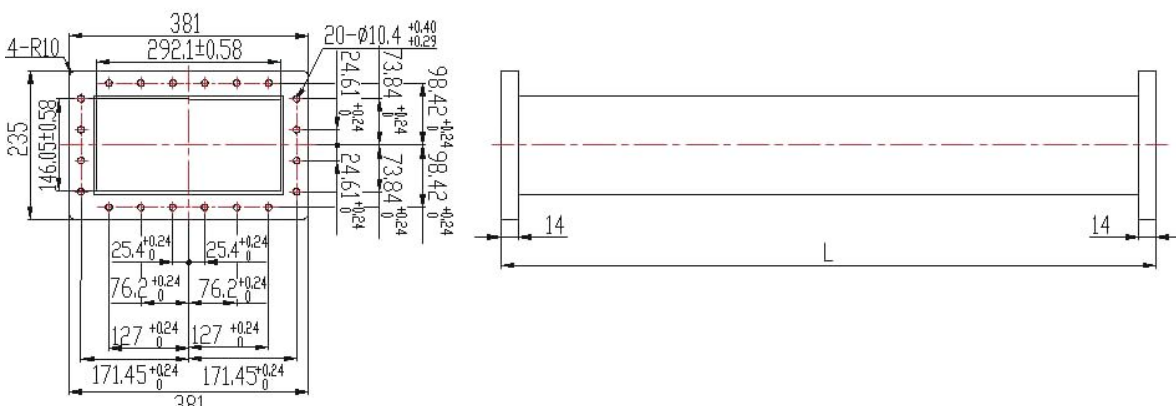


Straight Waveguide

Part No: VT8WAL1000PPA

1.0	Mechanical Specifications	
1.1	Waveguide type	WR1150
1.2	Flange type	FDP8 (Cover)
1.3	Inside finish	Chromate conversion
1.4	Outside finish	Corrosion protected with grey paint
1.5	Material	Aluminum
1.6	Length	L=1000mm
2.0	Electrical Specifications	
2.1	Frequency Range	0.64-0.98 GHz
2.2	VSWR (Max)	1.10
3.0	Outline Drawings	
 <p>The drawing shows a straight waveguide with a length L. The front view (left) shows a rectangular cross-section with a total width of 381 mm and a total height of 235 mm. The inner width is 292.1 ± 0.58 mm. There are four mounting holes, each with a diameter of 10.4 mm (tolerance +0.40/-0.23) and a depth of 20 mm. The distance between the centers of the two top holes is 246.1 mm (tolerance +0.24/0). The distance between the centers of the two bottom holes is 246.1 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest side edge is 73.84 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest top edge is 98.42 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest bottom edge is 98.42 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest side edge is 25.4 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest top edge is 76.2 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest bottom edge is 127 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest side edge is 171.45 mm (tolerance +0.24/0). The distance from the center of a hole to the nearest top edge is 171.45 mm (tolerance +0.24/0). The side view (right) shows a length L and a thickness of 14 mm.</p>		



Revision History

Date	Revision	Changes
25-Mar-2009	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