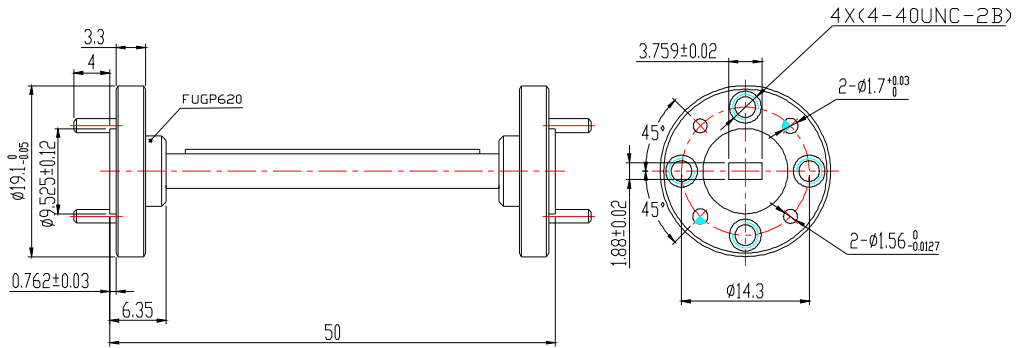


Waveguide Attenuator

Part No: VT620WFA10PPC

1.0	Mechanical Specifications	
1.1	Waveguide type	WR15
1.2	Flange type	FUGP620
1.3	Material	Copper
1.4	Finish	Gold plating
2.0	Electrical Specifications	
2.1	Frequency range	55-60 GHz
2.2	VSWR (Max)	1.15
2.3	Attenuation	10 ± 1 dB
3.0	Outline Drawings	
 <p>The drawing shows two views of the waveguide attenuator. The left view is a side profile showing a central waveguide section of length 50, flanked by two FUGP620 flanges. Dimensions include a total length of 6.35 for the flange sections, a diameter of $\phi 19.1_{-0.05}^0$ for the main body, and a diameter of $\phi 9.525_{-0.12}^0$ for the central section. The right view is an end view of the circular flange, showing a diameter of $\phi 14.3$. It features four mounting holes labeled $4 \times (4-40\text{UNC}-2\text{B})$, two of which are dimensioned as $2-\phi 1.7_{-0.03}^0$. The distance between the centers of the mounting holes is 3.759 ± 0.02. Two other holes are dimensioned as $2-\phi 1.56_{-0.0127}^0$. The distance from the center to the edge of the flange is 1.88 ± 0.02. Two 45-degree chamfers are also indicated.</p>		



Revision History

Date	Revision	Changes
02-Apr-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