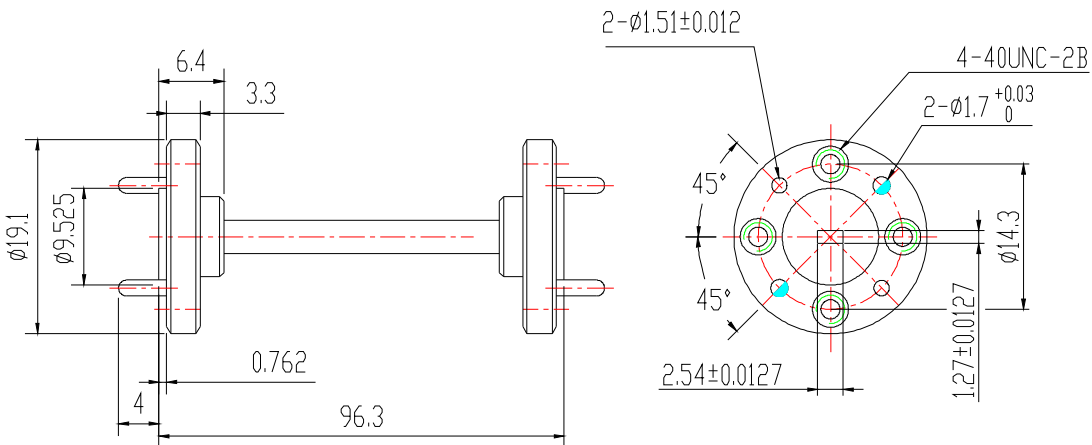


## Waveguide Fixed Attenuator

Part No: VT900WFA10PPC



<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR10
1.2	Flange type	FUGP900 (UG387)
1.3	Material	Copper/Brass
1.4	Finish	Gold plating
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency range	75-110 GHz
2.2	VSWR (Max)	1.3
2.3	Attenuator	10 ±1.5 dB
<b>3.0</b>	<b>Outline Drawing</b>	
 <p>The technical drawing includes a side view on the left and an end view on the right. The side view shows a central shaft of length 96.3 with a diameter of 6.4. The shaft is flanked by two flanges, each with a diameter of 19.1 and a thickness of 3.3. The distance from the center of the shaft to the inner edge of the flanges is 0.762. The end view shows a circular flange with a diameter of 14.3. It features four mounting holes with a diameter of 1.51 ± 0.012, spaced 45 degrees apart. There are also two larger holes with a diameter of 1.7, ranging from 0 to +0.03. The drawing specifies 4-40UNC-2B threads for the mounting holes and a distance of 2.54 ± 0.0127 from the center to the edge of the flange. A dimension of 1.27 ± 0.0127 is also shown for the offset of the mounting holes.</p>		



## Revision History

Date	Revision	Changes
24-Aug-2006	1	First release

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