



Waveguide Fixed Attenuator

HD Part No: HD-120WFA10PPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	Rectangular Waveguide WR-75
1.2	Flange type	HD-FBP120
1.3	Basis-material	Copper
1.4	Finish	Inside: Silver Plating, Outside: Corrosion protected with black paint
1.5	Temperature range	-40°C ~ +70°C
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	9.84-15.0 GHz
2.3	Max. VSWR	1.15:1
2.4	Attenuation	10dB
2.5	Handling Power (Max.)	2W (CW)
<b>3.0</b>	<b>Outline Drawing</b>	
<p>The drawing shows two views of the waveguide fixed attenuator. The left view is a side view showing a rectangular waveguide with a total length of 100 mm and a thickness of 5 mm. The flange type is labeled as FBP120. The right view is a front view showing a rectangular waveguide with a total width of 38 mm and a height of 28.5 mm. The front view includes four mounting holes with a diameter of 4 mm and a position tolerance of +0.10/-0.07. The distance between the centers of the holes is 19.05 ± 0.038 mm. The distance from the center of the holes to the bottom edge is 26.42 mm. The distance from the center of the holes to the side edge is 9.525 ± 0.038 mm. The corners are rounded with a radius of R3.</p>		



**Revision History**

Date	Revision	Changes
24-Mar-2008	1	First release

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