



Waveguide To Coaxial Adapter (End-launch)

HD Part No: HD-120WECASKPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR75
1.2	Flange type	FBP120
1.3	Connector type	SMA Female
1.4	Material	Copper
1.5	Finish	Inside: Silver Plating Outside: Anticorrosion black paint
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	9.85-14.5GHz
2.2	Max. VSWR	1.25:1
<b>3.0</b>	<b>Outline Drawing</b>	
<p>The drawing shows two views of the adapter. The left view is a side profile showing the waveguide section (labeled FBP120) and the SMA-K connector. Dimensions include a 5mm offset from the left edge to the start of the waveguide, and a total length of 37mm. The right view is a top-down view of the SMA-K connector. It features four mounting holes with a diameter of <math>4-\phi 4^{+0.10}_{+0.07}</math> and a radius of <math>4-R3</math>. The distance between the center of two holes is <math>19.05 \pm 0.038</math> mm. The distance from the center of a hole to the right edge is 28.5 mm. The total width is 38 mm. The distance from the center of a hole to the bottom edge is <math>9.525 \pm 0.038</math> mm. The distance between the center of two holes is also 26.42 mm, and the total width is 38 mm.</p>		



**Revision History**

Date	Revision	Changes
24-Mar-2013	1	First release

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Email: [market@hdmicrowave.com](mailto:market@hdmicrowave.com)

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