



Waveguide to Coaxial Adapter (End-launch)

HD Part No: HD-120WECANKPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR75
1.2	Flange type	FBP120
1.3	Connector type	N type Female
1.4	Material	Copper
1.5	Finish	Inside: Silver Plating Outside: Anticorrosion black paint
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	9.85-14.5GHz
2.2	Max. VSWR	1.25:1
<b>3.0 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 N-type female connector (labeled N-50KFD3). Dimensions include a 5mm offset from the bottom edge and a total length of 46.3mm. The right view is a front view of the connector section, showing a rectangular body with a width of 38mm and a height of 38mm. It features four mounting holes with a diameter of <math>4-\phi 4^{+0.10}_{+0.07}</math> and a center-to-center distance of 26.42mm. The distance from the top edge to the center of the holes is <math>9.525 \pm 0.038</math>mm. The distance between the two pairs of holes is <math>19.05 \pm 0.038</math>mm. The corners are rounded with a radius of 4-R3.</p>		



**Revision History**

Date	Revision	Changes
24-Mar-2013	1	First release

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