



Waveguide to Coaxial Adapter

Part No: HD-84WCANKPC

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR-112
1.2	Flange type	HD-FBP84
1.3	Connector type:	N type Female
1.4	Basis-material	Alloyed Copper
1.5	Finish	Inside: Silver Plating, Outside: Corrosion protected with black paint
1.6	Temperature range	-40°C ~ +70° C
2.0 Electrical Specifications		
2.1	Frequency Range	6.57-9.99GHz
2.2	Max. VSWR	1.25:1
3.0 Outline Drawing		
<p>The drawing shows two views of the adapter. The left view is a side profile showing the flange (FBP84) and the N-type connector (N-50KFD). Dimensions include a 5mm thickness for the flange and a 40mm length for the main body. The right view is a front view showing a rectangular body with four mounting holes. Dimensions include a total width of 47.8mm, a central hole spacing of 34.34mm, and a distance of 28.499±0.057mm from the center to the mounting holes. The top edge has a 4-R3 fillet and four holes with a diameter of 4.17±0.10/±0.07mm. The total height is 47.8mm, with a distance of 37.44mm from the top to the center of the mounting holes. A distance of 12.624±0.057mm is shown from the top edge to the center of the mounting holes.</p>		



Revision History

Date	Revision	Changes
25-Aug-2004	1	First release

Information furnished is believed to be accurate and reliable. However, HengDa Microwave assumes no responsibility for the consequences of use of such information nor for any infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of HengDa Microwave. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. HengDa Microwave products are not authorized for use as critical components in life support devices or systems without express written approval of HengDa Microwave.

© 2002 Xi'an HengDa Microwave Technology Development Company - All rights reserved

Email: market@hdmicrowave.com

www.hdmicrowave.com