



Waveguide to Coaxial Adapter

Part No: HD-120WCASKPC

1.0	Mechanical Specifications	
1.1	Waveguide type	WR75
1.2	Flange type	FBP120 (Cover)
1.3	Connector type	SMA Female
1.4	Material	Copper
1.5	Inside finish	Silver plating
1.6	Outside finish	Anticorrosion black paint
2.0 Electrical Specifications		
2.1	Frequency Range	9.84-15 GHz
2.2	VSWR (Max)	1.25
3.0 Outline Drawing		
<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-Female connector. Dimensions include a 5mm offset and a 30mm total length. The right view is a front view of the rectangular housing with four mounting holes. Dimensions include a total width of 38mm, a hole diameter of 4-$\phi 4^{+0.10}_{+0.07}$, a hole offset of 19.05± 0.038mm, a hole diameter of 26.42mm, a total height of 38mm, and a hole offset of 9.525± 0.038mm. The corners are rounded with a 4-R3 radius.</p>		



Revision History

Date	Revision	Changes
20-Nov-2005	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