



## Broadwall Directional Coupler

Part No: HD-220WC30SKPPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR42
1.2	Flange type	FBP220 (Cover)
1.3	Coupled port connector	SMA Female
1.4	Material	Copper
1.5	Inside finish	Silver plating
1.6	Outside finish	Anticorrosion black paint
1.7	Length	200 mm
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency range	17.6-26.7 GHz
2.2	VSWR in Master line (Max)	1.10 (Main line), 1.15 (Secondary line)
2.3	Coupling	$30 \pm 0.7$ dB
2.4	Directivity (Min)	25 dB
<b>3.0</b>	<b>Outline Drawings</b>	



**Revision History**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
19-Jan-2006	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](mailto:market@hdmicrowave.com)

**[www.hdmicrowave.com](http://www.hdmicrowave.com)**