



**Broadwall Directional Coupler**

Part No: HD-18WC10NKPPA

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide type WR510
1.2	Flange type FDP18
1.3	Coupled port connector N-Female
1.4	Material Aluminum
1.5	Inside finish Chromate conversion
1.6	Outside finish Anticorrosion black paint
<b>2.0 Electrical Specifications</b>	
2.1	Frequency range 1.45-2.2GHz
2.2	VSWR in Master line (Max) 1.10 (Main line), 1.25 (Secondary line)
2.3	Coupling 10 ± 0.7dB
2.4	Directivity (Min) 38dB
<b>3.0 Outline Drawings</b>	



**Revision History**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
19-Jan-2006	1	First release

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