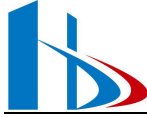


## Crossguide Directional Coupler

Part No: HD-40WL+C30NKPPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	WR229
1.2	Flange Type	FDP40/CPR229F (Cover)
1.3	Connector Type	N Female
1.4	Material	Copper/Brass
1.5	Dimensions	L=240mm, A=170mm, B=90mm
1.6	Inside Finish	Silver plating
1.7	Outside Finish	Anticorrosion black paint
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency range	3.4-4.9 GHz
2.2	Operation bandwidth	Up to 20% of waveguide center frequency
2.3	VSWR (Max)	1.10 (waveguide), 1.25 (coax)
2.4	Coupling	30 ± 0.7 dB
2.5	Directivity (Min)	20 dB
<b>3.0</b>	<b>Outline Drawings</b>	
<p style="text-align: center;"><b>FDP40</b></p>		



**Revision History**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
21-Jul-2003	1	First release

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Email: [market@hdmicrowave.com](mailto:market@hdmicrowave.com)

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