



## Crossguide Directional Coupler

Part No: HD-180WL+C30SKPPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	WR51
1.2	Flange Type	FBP180 (Cover)
1.3	Connector Type	SMA Female
1.4	Material	Copper/Brass
1.5	Inside Finish	Silver plating
1.6	Outside Finish	Anticorrosion black paint
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	14.5-22 GHz
2.2	Operation Bandwidth	Up to 20% of waveguide center frequency
2.3	VSWR (Max)	1.10 (Main Line), 1.25 (Secondary Line)
2.4	Coupling	30 ± 0.7 dB
2.5	Directivity (Min)	18 dB
<b>3.0 Outline Drawings</b>		



**Revision History**

Date	Revision	Changes
21-Jul-2003	1	First release

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