



Crossguide Directional Coupler

Part No: HD-100WL+C30NKPPC

1.0 Mechanical Specifications		
1.1	Waveguide Type	WR90
1.2	Flange Type	FBP100 (Cover)
1.3	Connector Type	N Female
1.4	Material	Copper/Brass
1.5	Inside Finish	Silver plating
1.6	Outside Finish	Anticorrosion black paint
2.0 Electrical Specifications		
2.1	Frequency Range	8.2-12.5 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
3.0 Outline Drawings		



Revision History

Date	Revision	Changes
21-Jul-2003	1	First release

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