

Crossguide Directional Coupler

Part No: VT100WL+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	
1.5	Inside Finish	Silver plating	
1.6	Outside Finish	Anticorrosion grey 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	$30 \pm 0.7 \text{ dB}$	
2.5	Directivity (Min)	18 dB	
3.0	Outline Drawings		
100	70 00T IN 5 FBP1	61.4 4-Ø4.17************************************	



Revision History

Date	Revision	Changes
27-Mar-2006	1	First release

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