

Crossguide Directional Coupler

Part No: VT84WL+C30NKPPC

1.0	Mechanical Specifications		
1.1	Waveguide Type	WR112	
1.2	Flange Type	FBP84 (Cover)	
1.3	Coupled Port Connector	N Female	
1.4	Material	Copper/Brass	
1.5	Inside Finish	Silver plating	
1.6	Outside Finish	Anticorrosion grey paint	
2.0	Electrical Specifications		
2.1	Frequency Range	6.57-9.99 GHz	
2.2	Operating Bandwidth Up to 20% of waveguide center frequency		
2.3	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		
	82 82 80 80 80 80 80 80 80 80 80 80	12.624±.057 12.624±.057 12.624±.057	



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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