

# **Crossguide Directional Coupler**

### Part No: VT84WL+C30PPPC

1.0	Mechanical Specifications		
1.1	Waveguide Type	WR112	
1.2	Flange Type	FBP84 (Cover)	
1.3	Material	Copper/Brass	
1.4	Inside Finish	Silver plating	
1.5	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 freq	
2.3	VSWR (Max)	1.10 (Main line), 1.15 (Secondary line)	
2.4	Coupling	30 ± 0.7 dB	
2.5	Directivity (Min)	18 dB	
3.0	Outline Drawings		
120	BP84 FBP84 FBP84 FBP84 FBP84 FBP84 FBP84 FBP84	<u>4-04.17*00</u> <u>4-04.17*00</u> <u>12.624±.057</u> <u>37.44</u> <u>4-R3</u>	



## **Revision History**

Date	Revision	Changes
05-Mar-2006	1	First release

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