

Crossguide Directional Coupler

Part No: VT100WL+C30PPPC

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR90
1.2	Flange Type	FBP100 (Cover)
1.3	Material	Copper
1.4	Inside Finish	Silver plating
1.5	Outside Finish	Anticorrosion black paint
2.0	Electrical Specifications	
2.1	Frequency Range	8.2-12.5 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	$30 \pm 0.7 dB$
2.5	Directivity (Min)	18 dB
3.0	Outline Drawings	
	EBP100 70 TO	52.3 4-Ø4.17+007 500 4-R3 4-R3 52.3 10.16±0.046 41.4



Revision History

Date	Revision	Changes
27-Mar-2006	1	First release

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