

Crossguide Directional Coupler

Part	Part No: VT22WL+C30PPPA		
1.0	Mechanical Specifications		
1.1	Waveguide type	WR229	
1.2	Flange type	FDP22 (Cover)	
1.3	Material	Aluminum	
1.4	Inside finish	Chromate conversion	
1.5	Outside finish	Anticorrosion grey paint	
2.0	Electrical Specifications		
2.1	Frequency range	1.72-2.61 GHz	
2.2	Operation 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		
3.0			
330		DP22 $4-\phi_{6.35}+0.35 +0.316 +0.35 +0.316 +0.35 +0.316 +0.35 +0.316 +0.35 +0.316 +0.35 +0.316 +0.3$	



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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