

Crossguide Directional Coupler

Part No: VT22WL+C30NKPPA

1.0	Mechanical Specifications		
1.1	Waveguide type	WR229	
1.2	Flange type	FDP22 (Cover)	
1.3	Connector type	N Female	
1.4	Material	Aluminum	
1.5	Inside finish	Chromate conversion	
1.6	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 frequency	
2.3	VSWR (Max)	1.10 (Main Line), 1.25 (Secondary Line)	
2.4	Coupling	30 ± 0.7 dB	
2.5	Directivity (Min)	18 dB	
3.0	Outline Drawings		
390		$\frac{4-\varphi 6.35; \frac{316}{6-\varphi 6.35; \frac{316}{28}}}{6-\varphi 6.35; \frac{316}{28}}$	



Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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