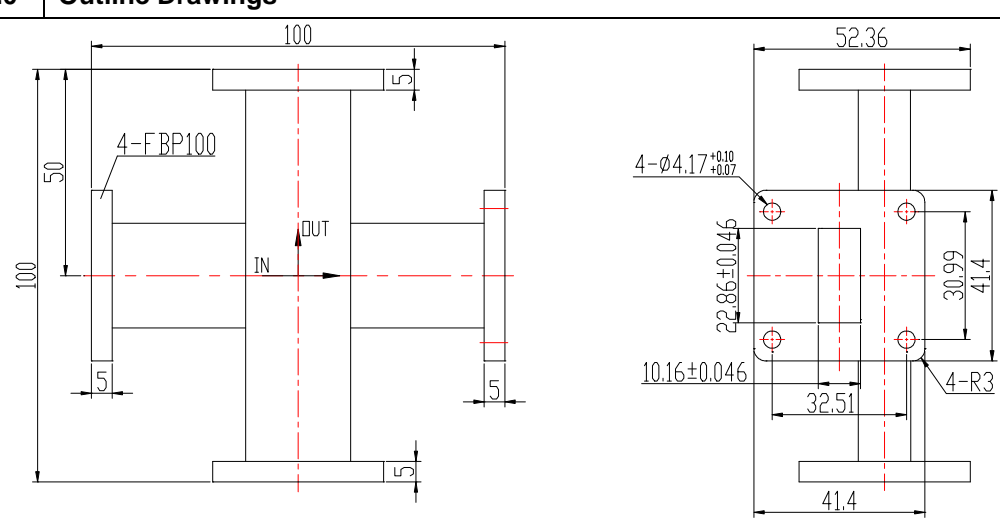


Crossguide Directional Coupler

Part No: VT100W+C30PPPPC

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	20% of waveguide bandwidth
2.3	VSWR (Max)	1.10 (Main line), 1.15 (Secondary line)
2.4	Insertion Loss	0.2 dB
2.5	Coupling	30 ± 0.7 dB
2.6	Frequency Sensitivity (Max)	± 1 dB
2.7	Directivity (Min)	20 dB
3.0	Outline Drawings	
		



Revision History

Date	Revision	Changes
27-Mar-2006	1	First release

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