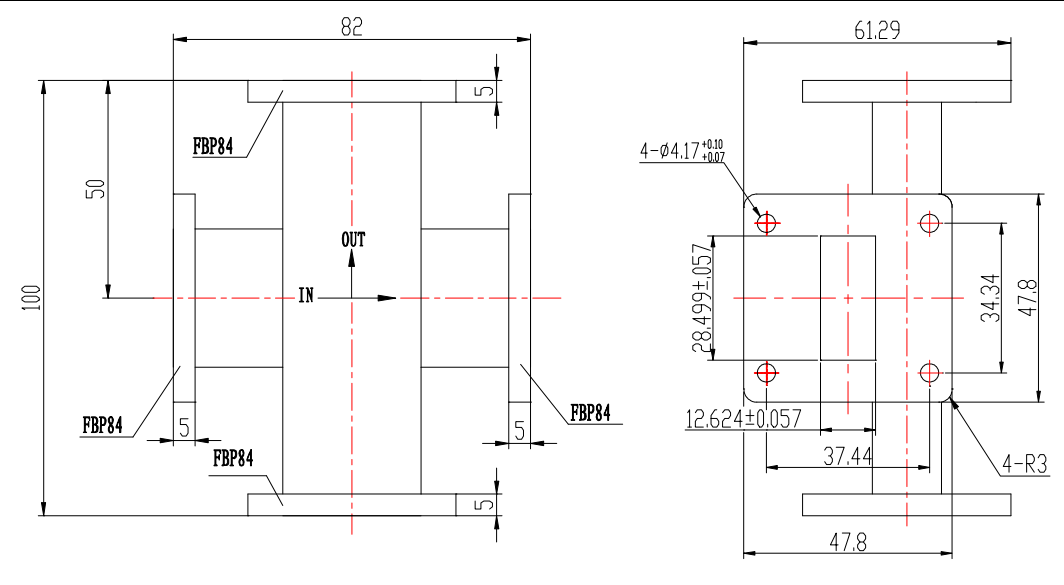


## Crossguide Directional Coupler

Part No: VT84W+C30PPPPC

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide Type WR112
1.2	Flange Type FDP70 (Cover)
1.3	Material Copper/Brass
1.4	Inside Finish Silver plating
1.5	Outside Finish Anticorrosion black paint
<b>2.0 Electrical Specifications</b>	
2.1	Frequency Range 6.57-9.99 GHz
2.2	Operating Bandwidth (Max) 20% of waveguide bandwidth
2.3	VSWR (Max) 1.10 (Master line), 1.15 (Coupling line)
2.4	Coupling $30 \pm 0.7$ dB
2.5	Frequency Sensitivity (Max) $\pm 1$ dB
2.6	Directivity (Min) 20 dB
<b>3.0 Outline Drawings</b>	
	



## Revision History

Date	Revision	Changes
05-Mar-2006	1	First release
25-Nov-2009	2	Updated outline drawing

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