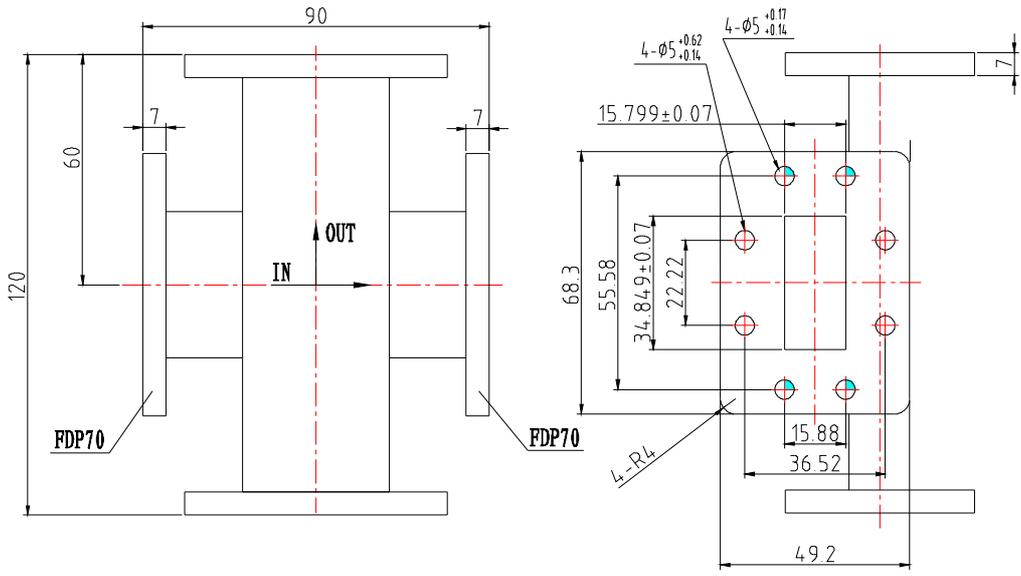


Crossguide Directional Coupler

Part No: VT70W+C30PPPPC

1.0 Mechanical Specifications	
1.1	Waveguide type WR137
1.2	Flange type FDP70 (Cover)
1.3	Material Copper
1.4	Inside finish Silver plating
1.5	Outside finish Anticorrosion grey paint
2.0 Electrical Specifications	
2.1	Frequency range 5.38-8.17GHz
2.2	Operating Bandwidth (Max) 20% of waveguide bandwidth
2.3	VSWR (Max) 1.05 (Master line), 1.10 (Coupling line)
2.4	Coupling 30 ± 0.7 dB
2.5	Frequency Sensitivity (Max) ± 1 dB
2.6	Directivity (Min) 20 dB
3.0 Outline Drawing	
	



Revision History

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

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