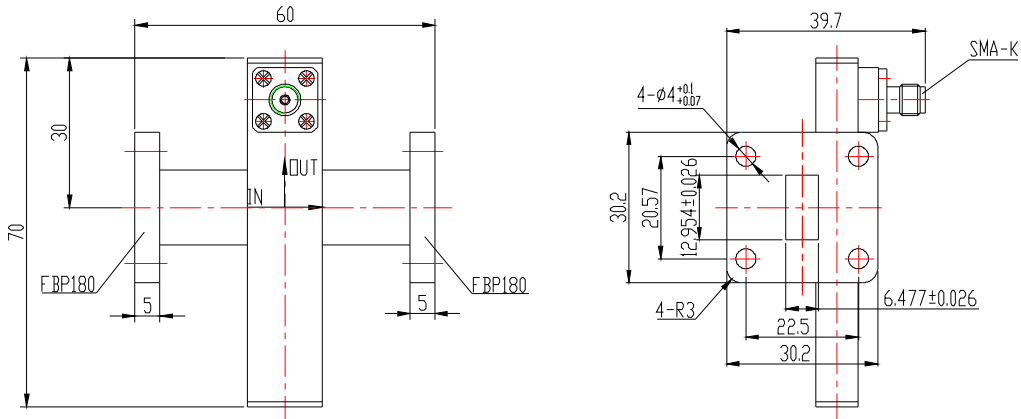


## Crossguide Directional Coupler

Part No: VT180WL+C30SKPPC

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide type WR51
1.2	Flange type FBP180 (Cover)
1.3	Coupled port connector SMA Female
1.4	Material Copper
1.5	Inside finish Silver plating
1.6	Outside finish Anticorrosion black paint
<b>2.0 Electrical Specifications</b>	
2.1	Frequency range 14.5-22 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 $30 \pm 0.7$ dB
2.5	Directivity (Min) 18 dB
<b>3.0 Outline Drawings</b>	
	



## Revision History

Date	Revision	Changes
05-Mar-2006	1	First release

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