

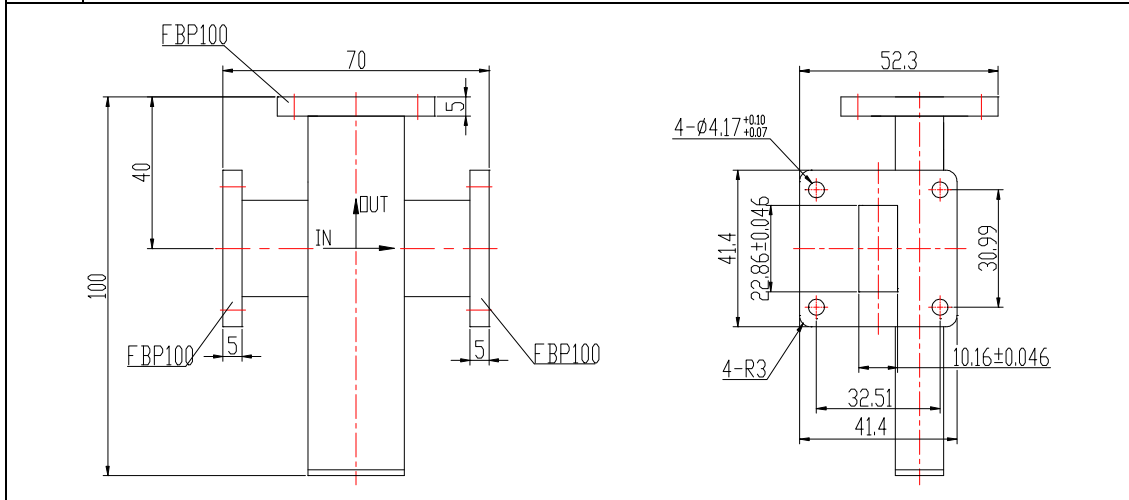


Crossguide Directional Coupler

Part No: HD-100WL+C30PPPC

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	Up to 20% of waveguide center freq
2.3	VSWR (Max)	1.10 (Main line), 1.15 (Secondary line)
2.4	Coupling	30 ± 0.7 dB
2.5	Directivity (Min)	18 dB

3.0 Outline Drawings





Revision History

Date	Revision	Changes
21-Jul-2013	1	First release

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Email: market@hdmicrowave.com

www.hdmicrowave.com