

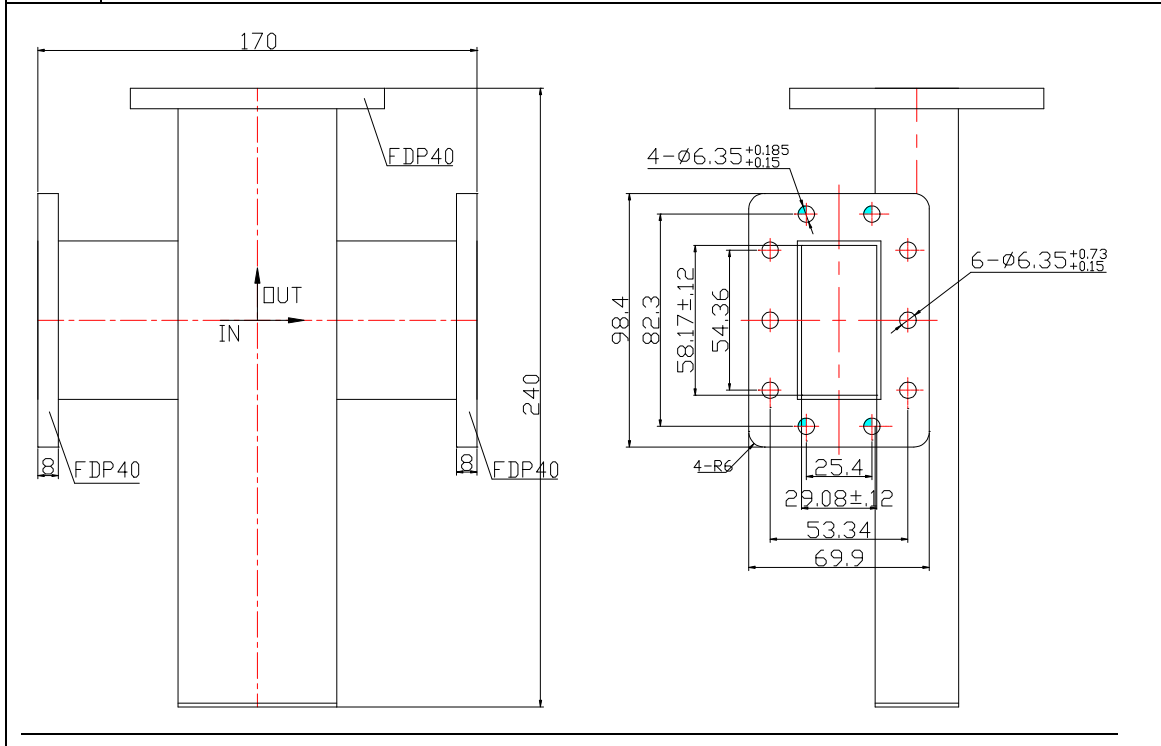


## Crossguide Directional Coupler

Part No: HD-40WL+C30PPPC

1.0 Mechanical Specifications		
1.1	Waveguide Type	WR229
1.2	Flange Type	FDP40 (Cover)
1.3	Material	Copper
1.4	Inside Finish	Passivated
1.5	Outside Finish	Anticorrosion black paint
2.0 Electrical Specifications		
2.1	Frequency Range	3.22-4.9 GHz
2.2	Operation 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**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
21-Jul-2013	1	First release

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