

For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR90
Frequency Range(GHz)	8.2 – 12.4
Coupling(dB)	50
Coupling Accuracy(dB)	±1.0 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.2 Max. (Not including the theoretical loss 4.34×10^{-5} dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP100(UBR100)
Coupling Port	SMA-Female/SMA-Male
Material	Al
Size(mm)	423.68 x 41.4 x 51.4
Net Weight(Kg)	0.74 Around

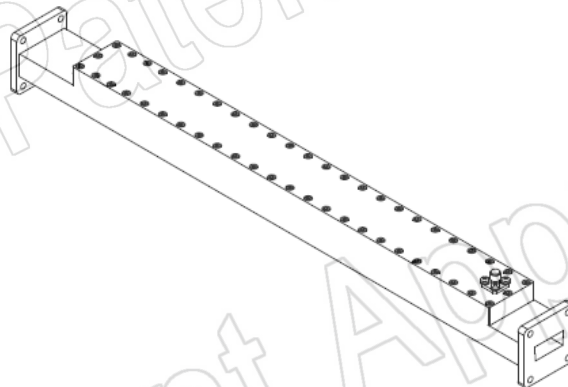
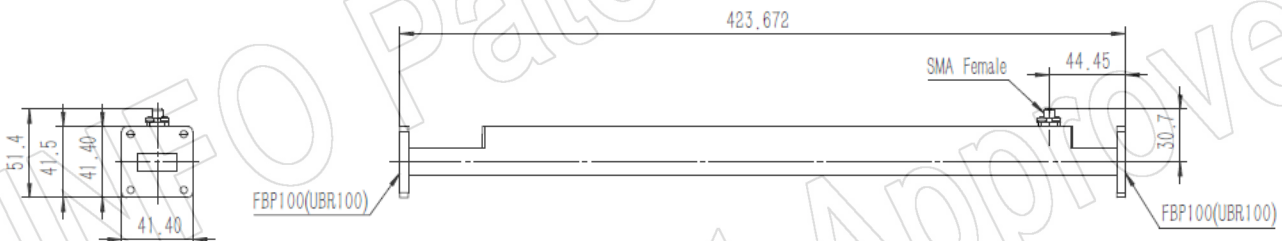
PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)

Coupling Port: SMA-Female

For SMA-Male connector Coupling Port outline drawing, please contact A-INFO.



AINFO Inc.

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China(Chengdu):
USA :

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Tel: (+1) 949-639-9688,

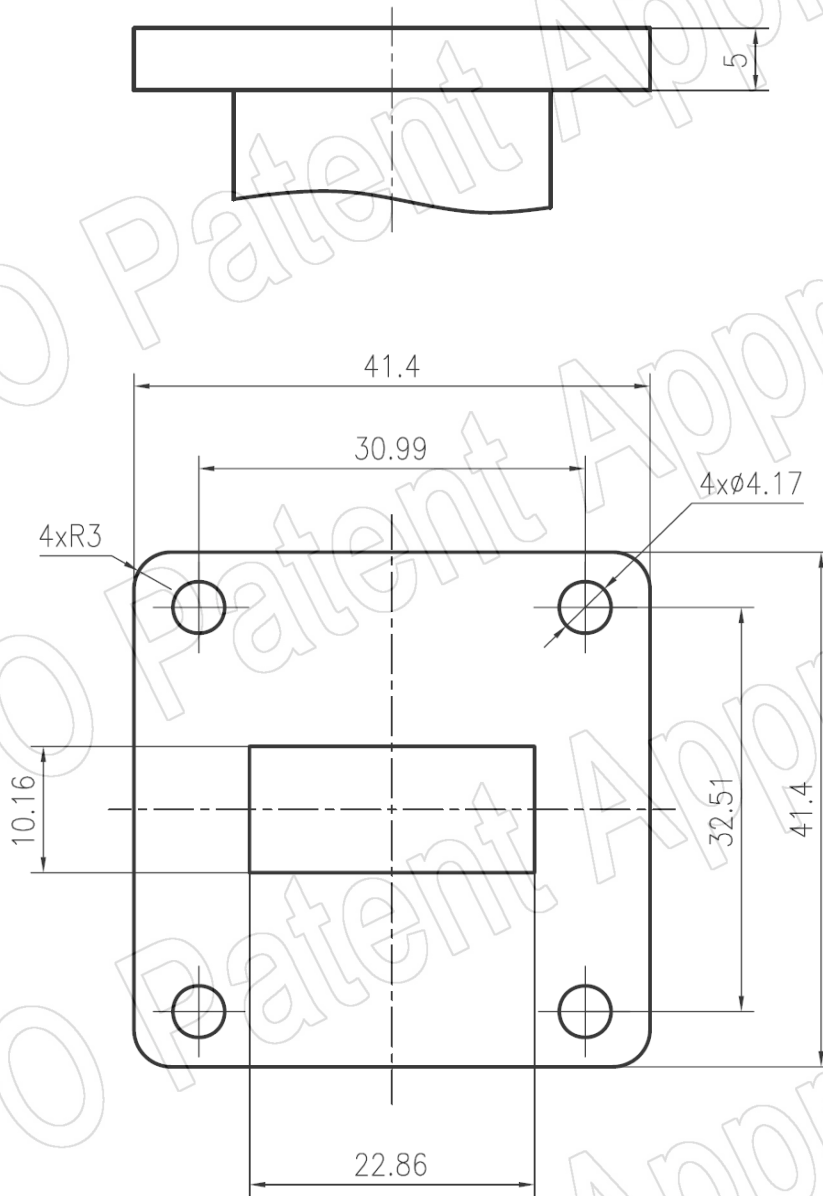
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Flange Drawing (Size: mm)



FBP100

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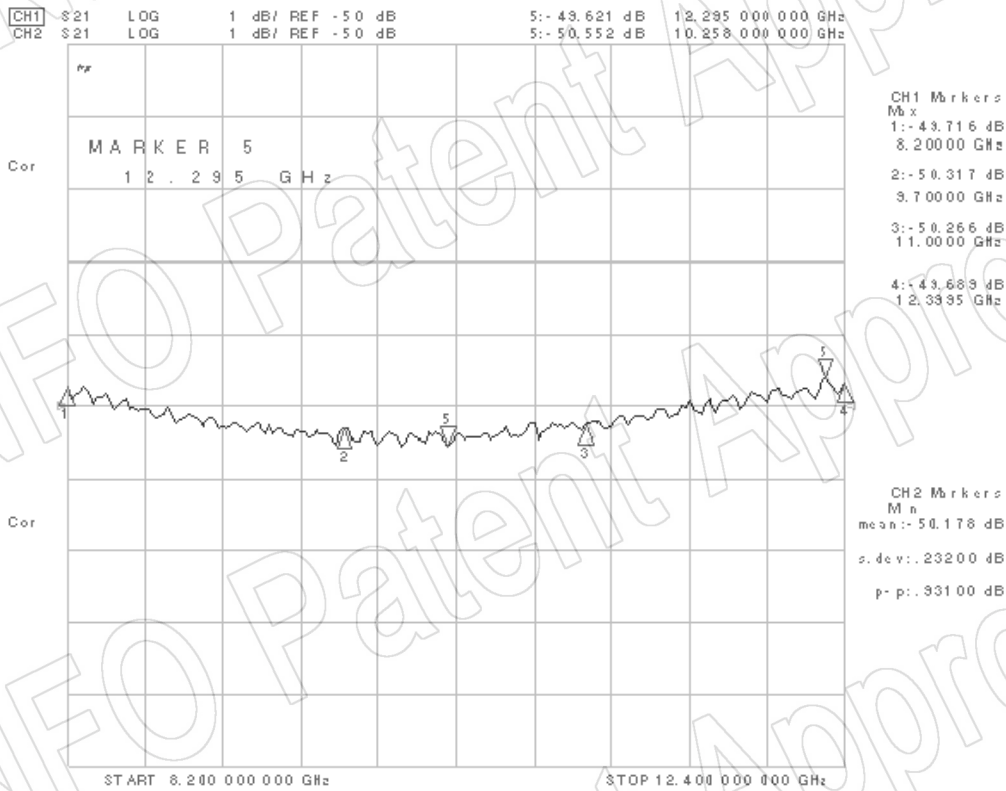
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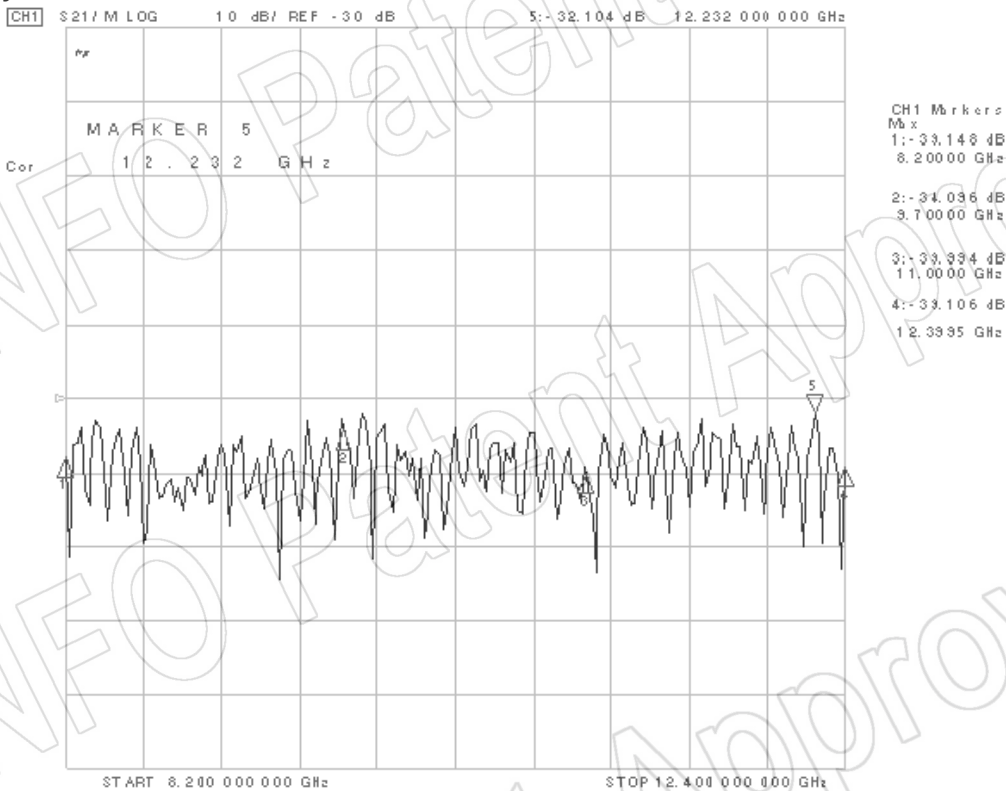
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Test Results

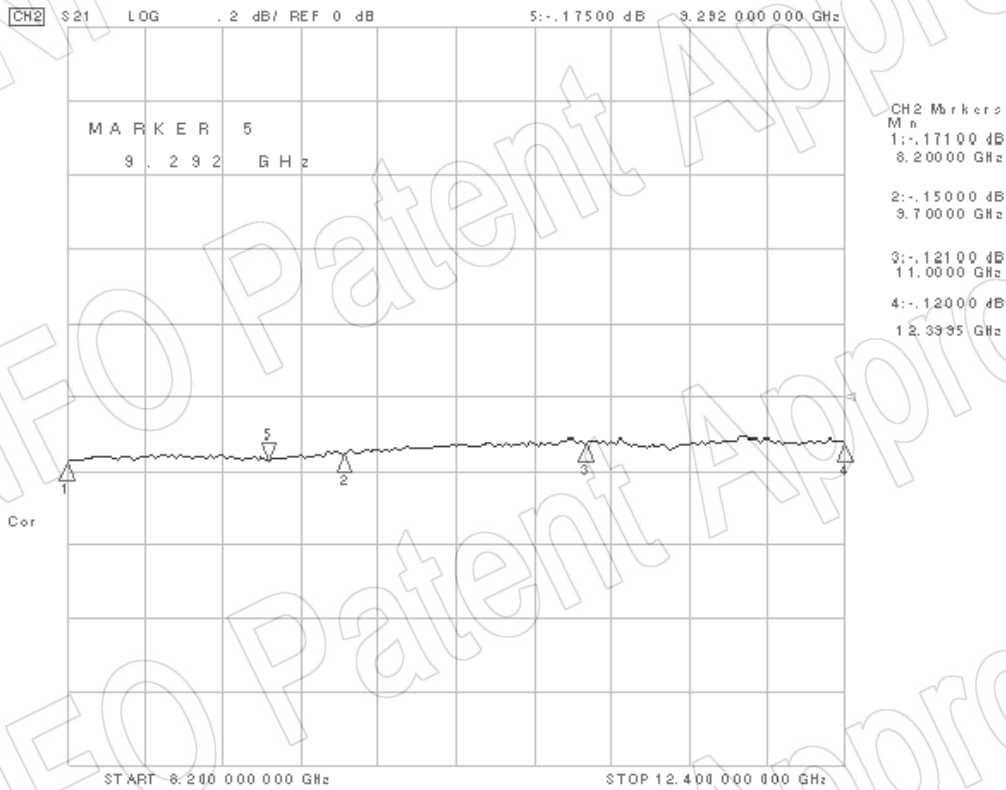
Coupling



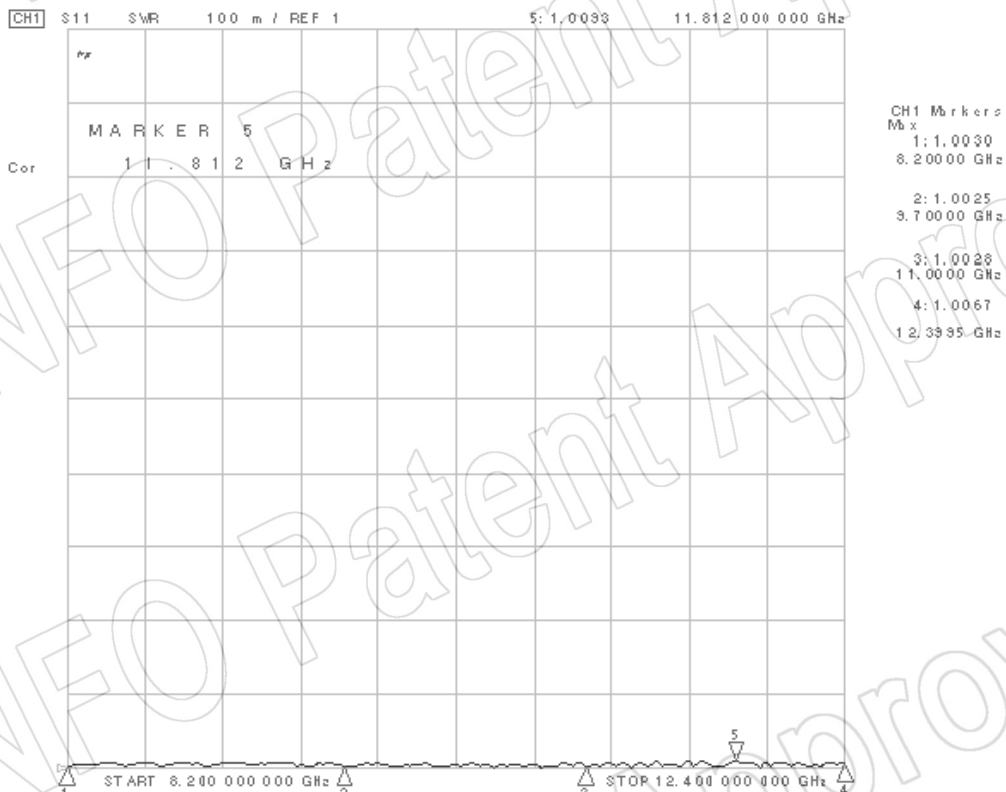
Directivity



I.L. (Including the theoretical loss 4.34×10^{-5} dB)



Mainline VSWR



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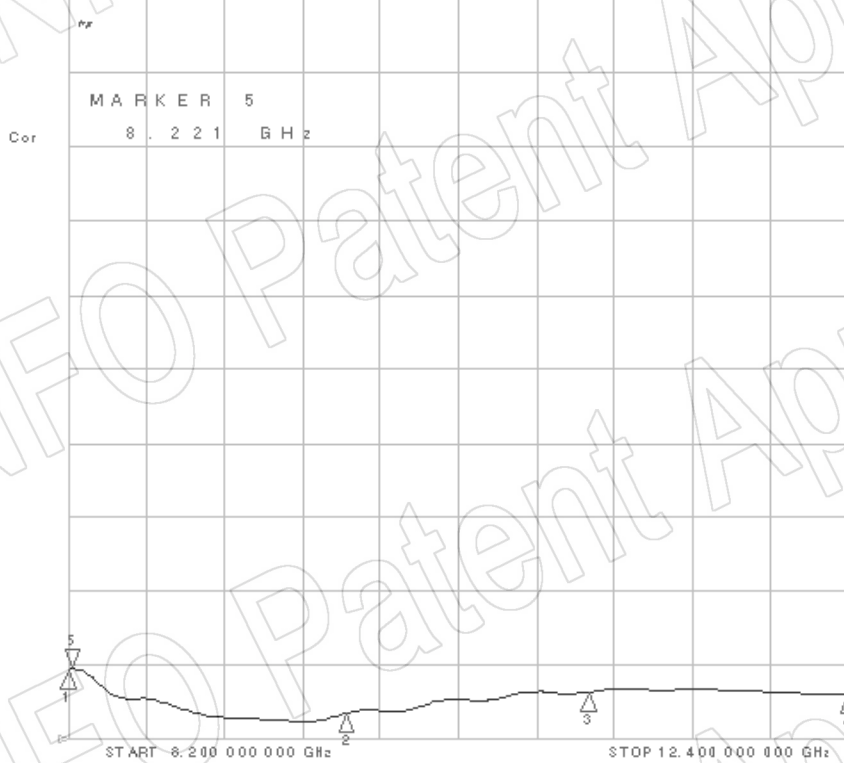
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Secondline VSWR

CH1 S11 SWR 250 m / REF 1 5: 1.2335 8.221 000 000 GHz



CH1 Markers
Max
1: 1.2379
8.20000 GHz
2: 1.0880
8.70000 GHz
3: 1.1532
11.0000 GHz
4: 1.1544
12.3335 GHz

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