

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

Technical Specification



EIA WR	WR90
Frequency Range(GHz)	8.2 – 12.4
Coupling(dB)	20
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.2 Max. (Not including the theoretical loss 0.04dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP100(UBR100)
Coupling Port	N-Female/N-Male
Material	Al
Size(mm)	423.68 x 41.4 x 61
Net Weight(Kg)	0.74 Around

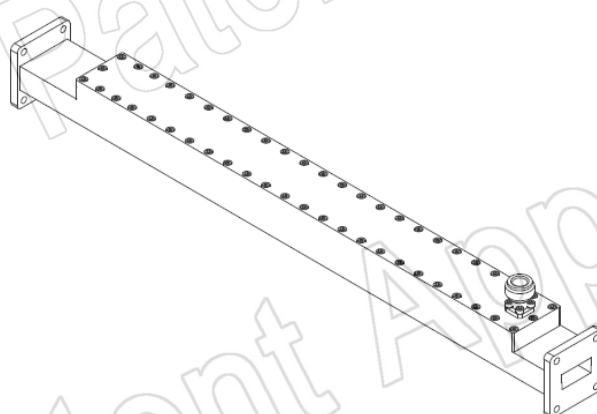
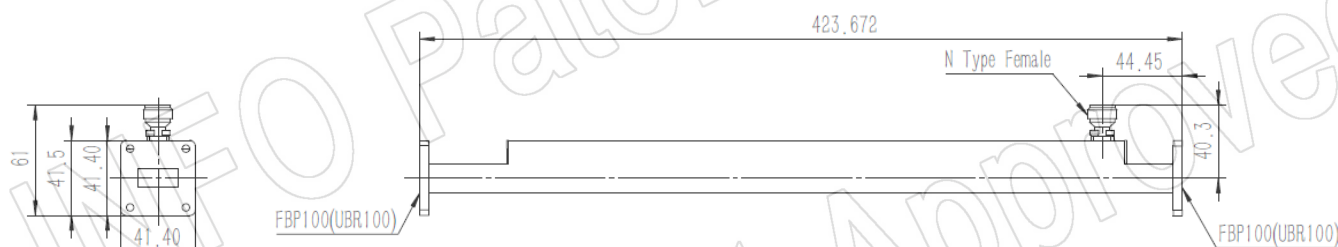
PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)

Coupling Port: N-Female

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



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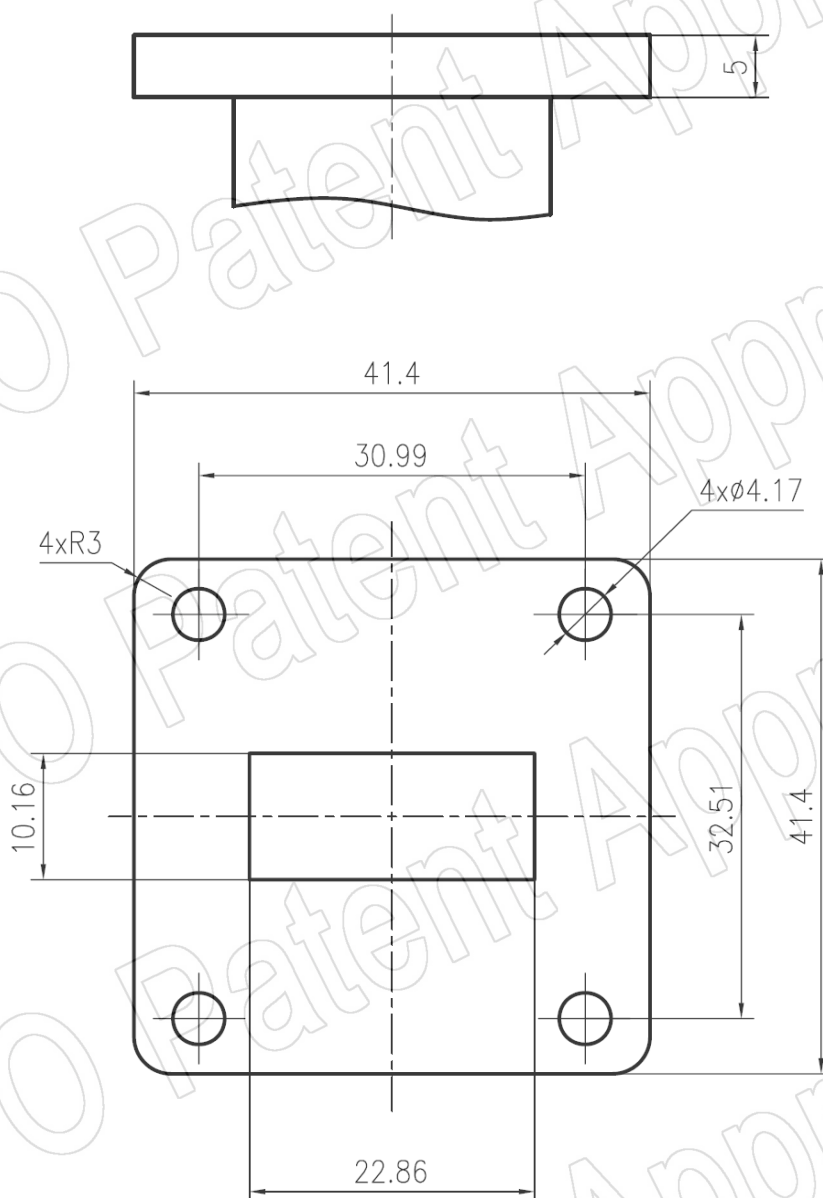
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Flange Drawing (Size: mm)



FBP100

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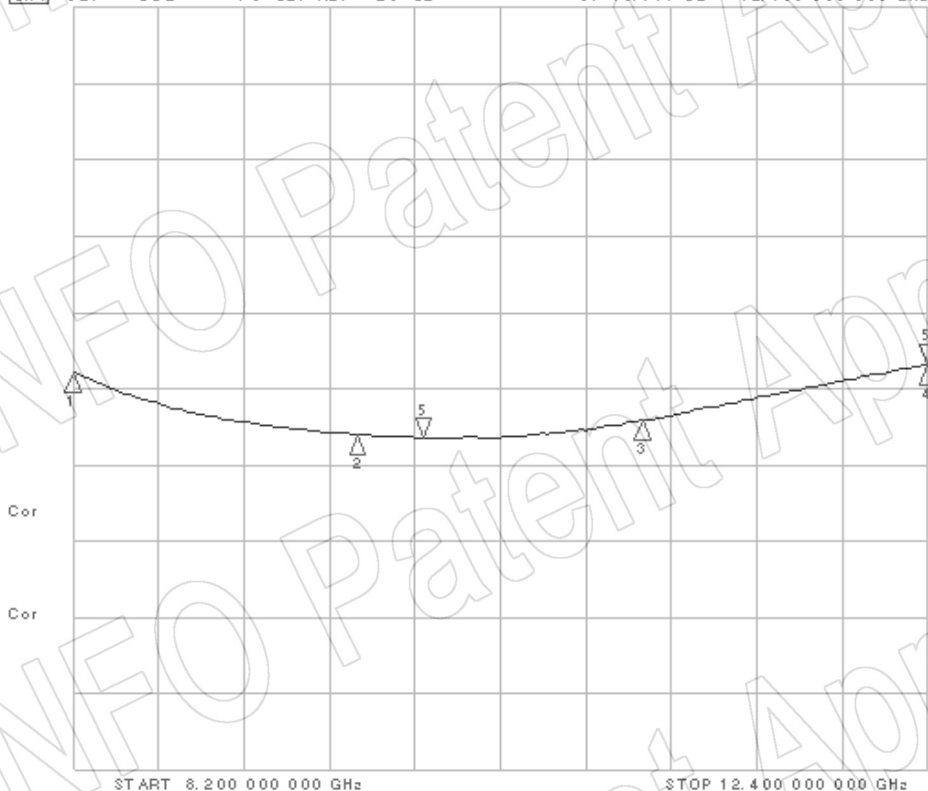
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Test Results

Coupling

CH2 \$21 LOG .3 dB/ REF -20 dB 5:-20.585 dB 9.922 000 000 GHz
CH4 \$21 LOG .3 dB/ REF -20 dB 5:-19.717 dB 12.400 000 000 GHz



Directivity

CH1 \$21 / M LOG 1.0 dB/ REF -30 dB 5:-35.370 dB 8.200 000 000 GHz



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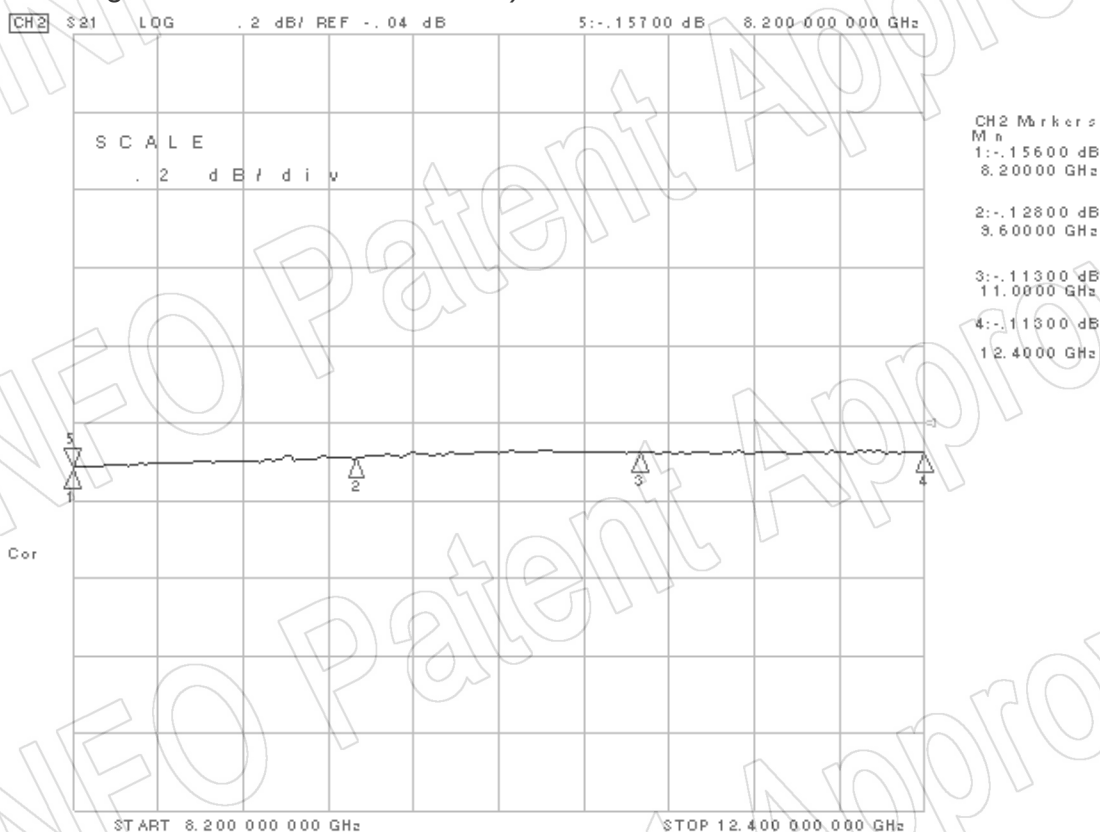
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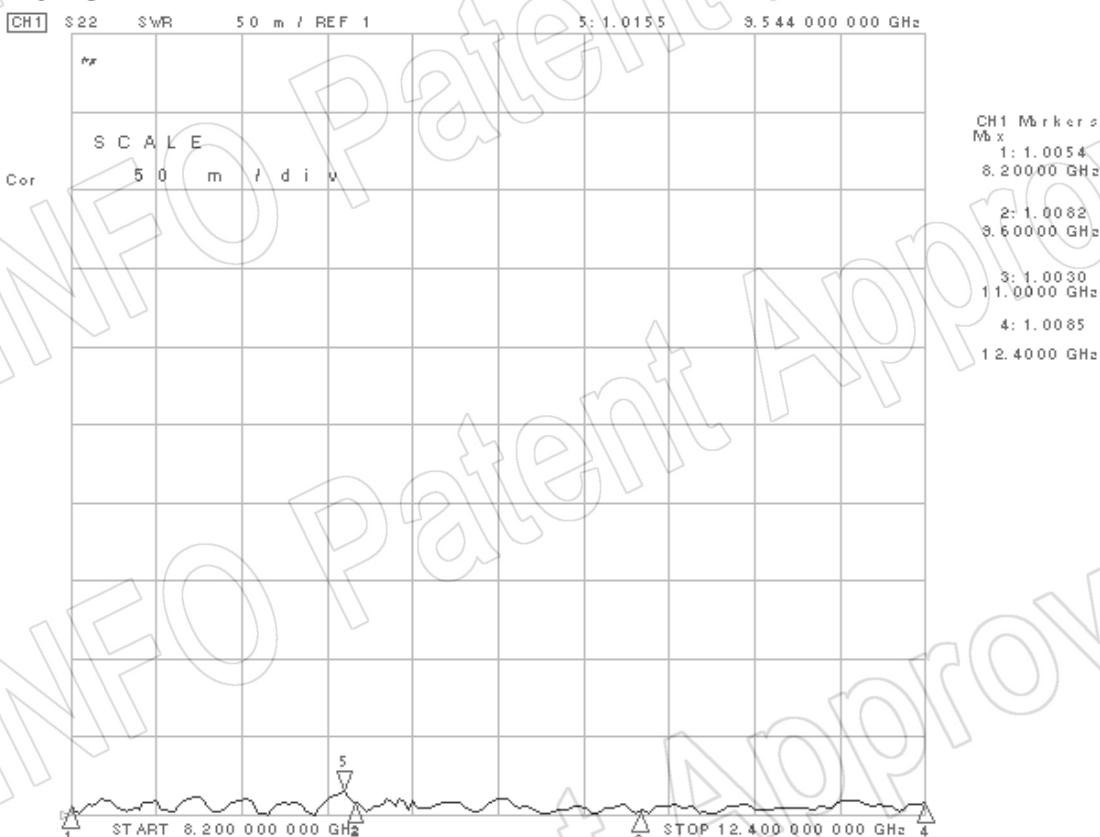
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I.L. (Including the theoretical loss 0.04dB)



Mainline VSWR



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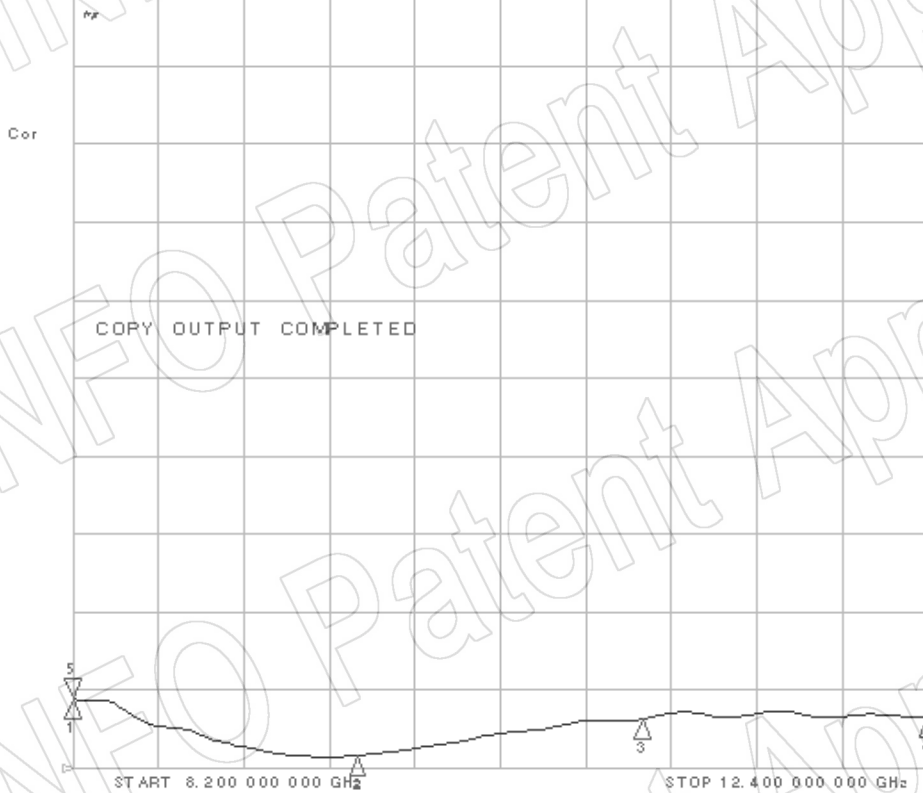
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Secondline VSWR

CH1 S22 SWR 250 m / REF 1 5: 1.2230 8.200 000 000 GHz



CH1 Markers
 1: 1.2228
 8.20000 GHz
 2: 1.0410
 9.60000 GHz
 3: 1.1583
 11.0000 GHz
 4: 1.1633
 12.4000 GHz

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