

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

## Technical Specification



|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| EIA WR                    | WR90                                                    |
| Frequency Range(GHz)      | 8.2 – 12.4                                              |
| Coupling(dB)              | 10                                                      |
| Coupling Accuracy(dB)     | ±0.9 Max.                                               |
| Frequency Sensitivity(dB) | ±0.7 Max.                                               |
| Directivity(dB)           | 30 Min.                                                 |
| Insertion Loss(dB)        | 0.3 Max.<br>(Not including the theoretical loss 0.46dB) |
| Mainline VSWR             | 1.05:1 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                                             |

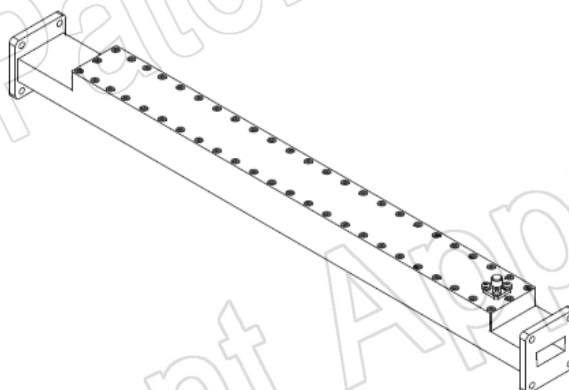
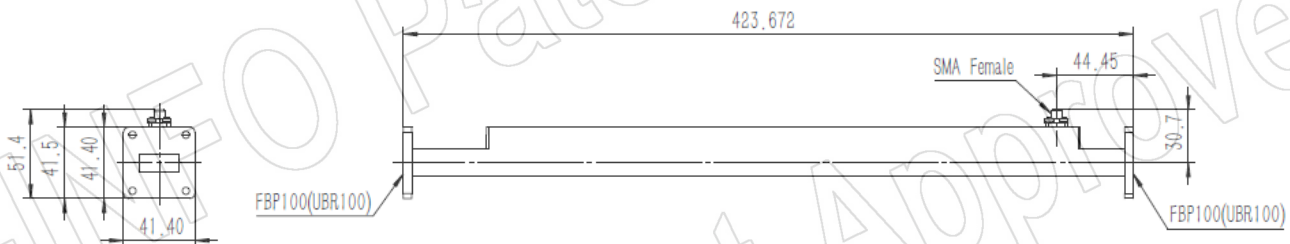
PATENT ID (China)

ZL201830355381.4

## Outline Drawing (Size: mm)

Coupling Port: SMA-Female

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



**AINFO Inc.**

China(Beijing):  
China(Chengdu):  
USA :

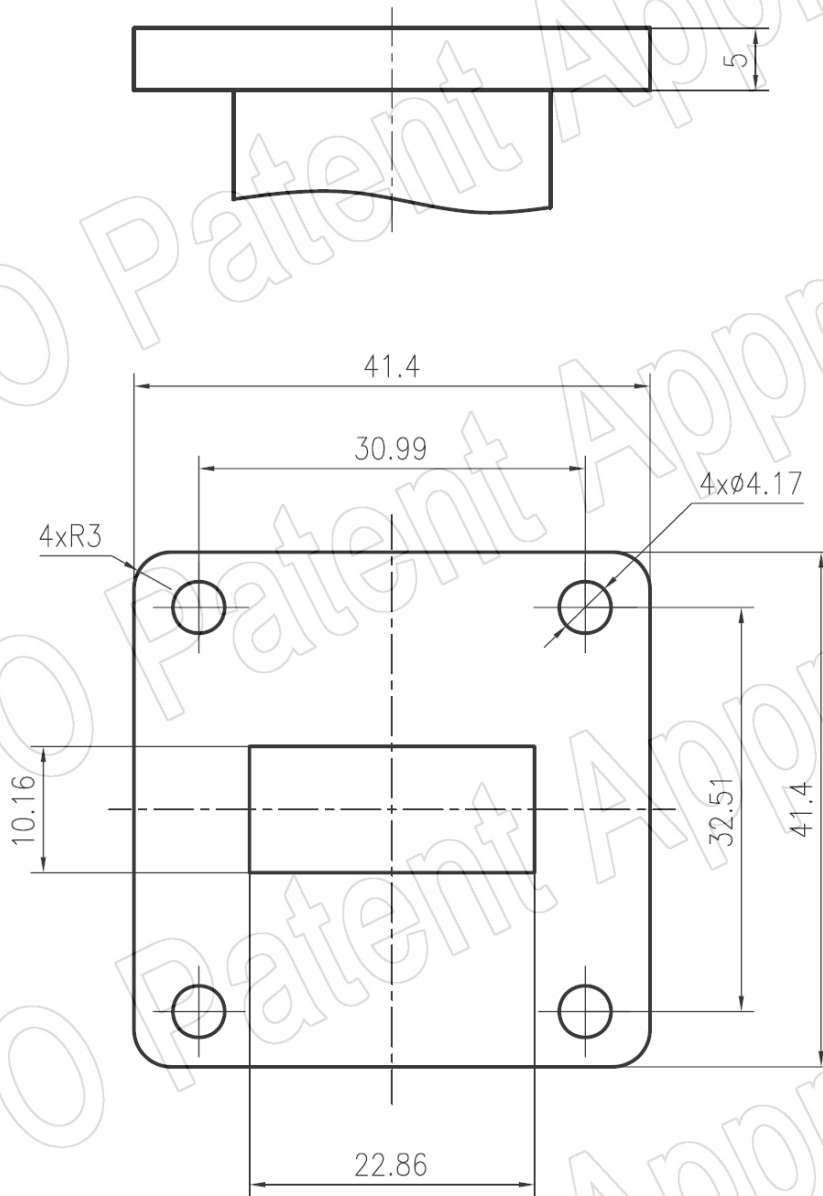
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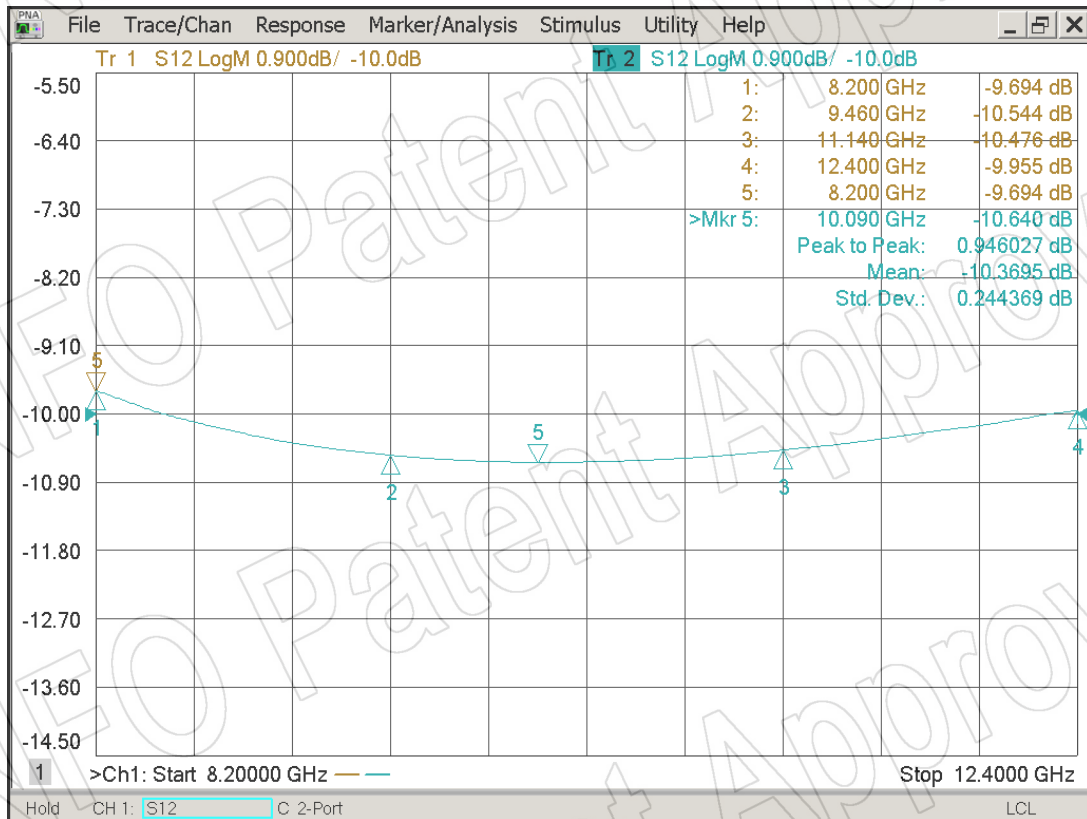
## Flange Drawing (Size: mm)



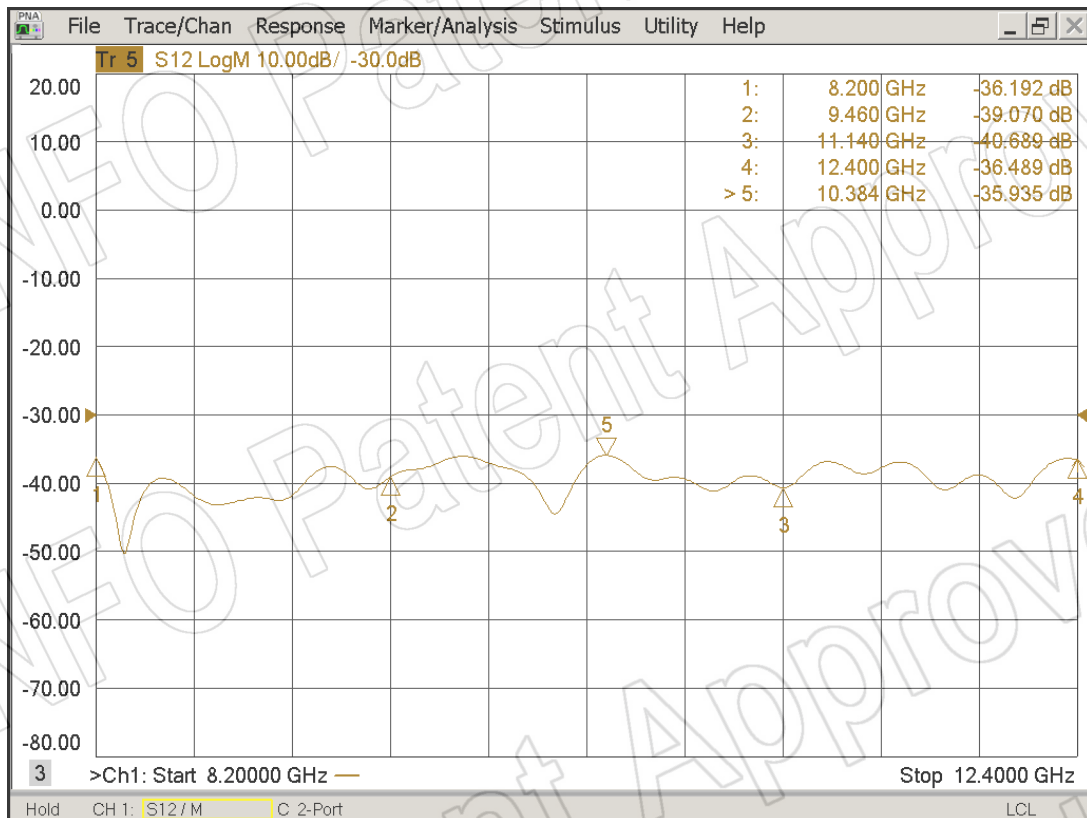
FBP100

## Test Results

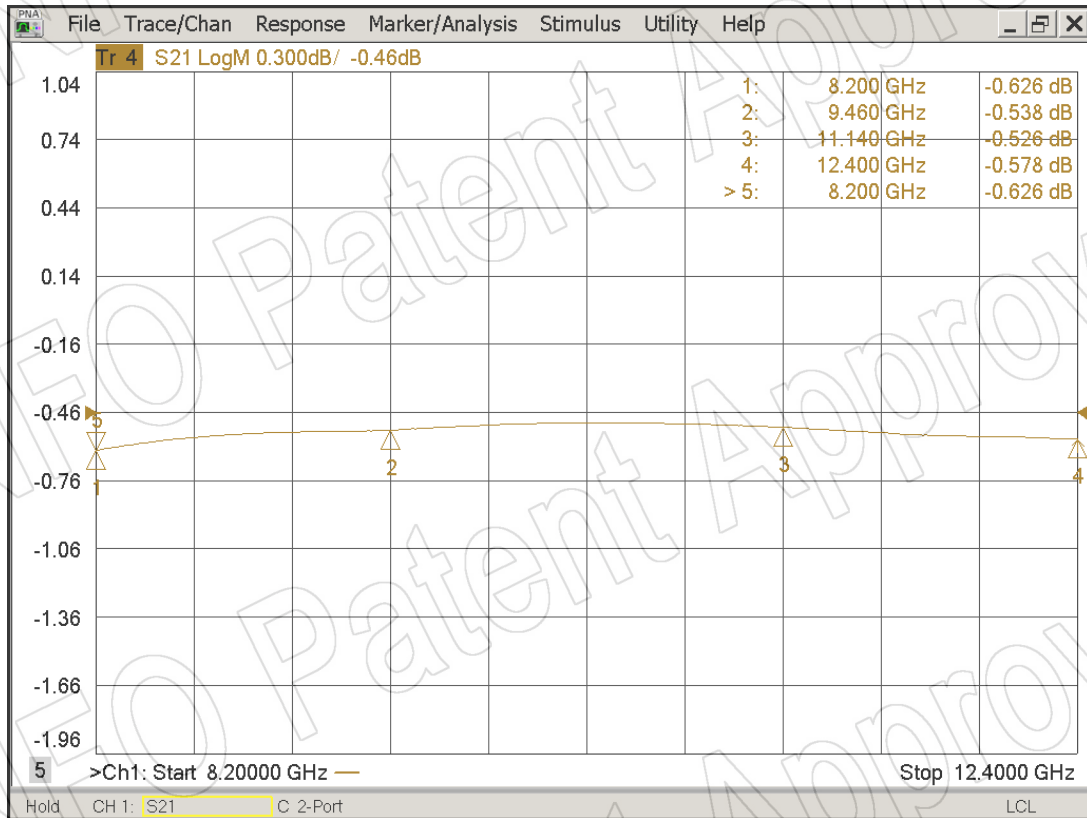
### Coupling



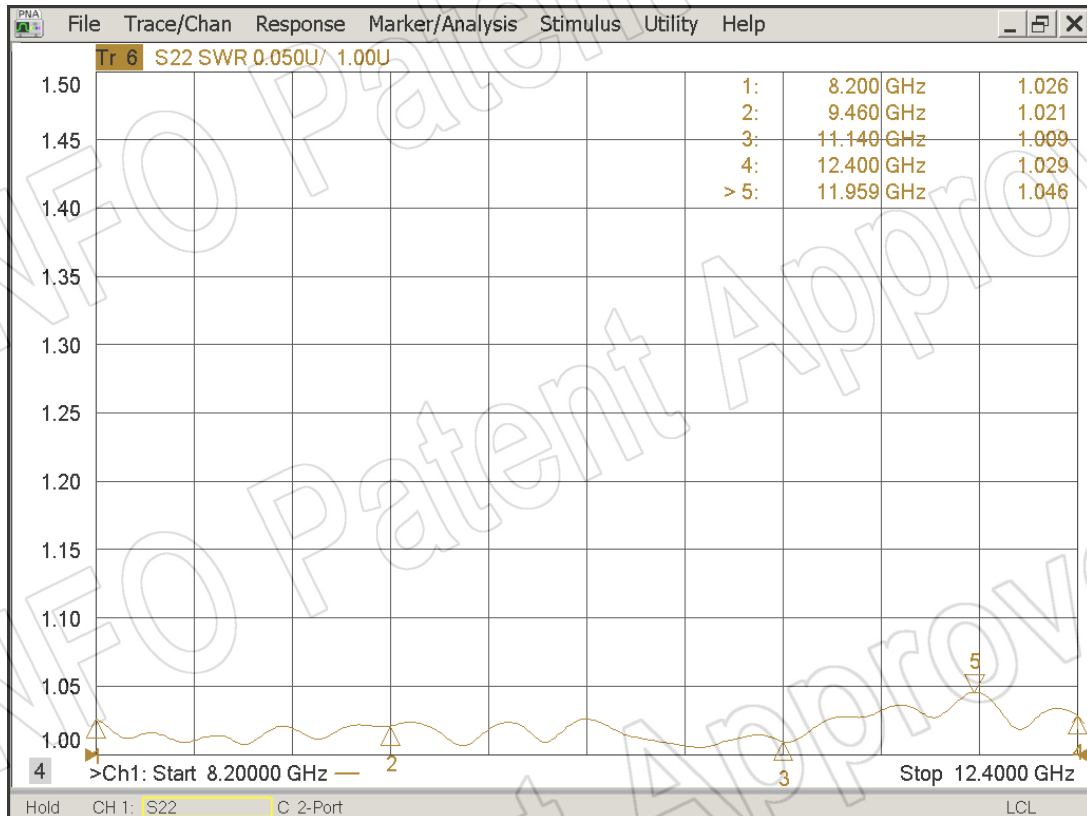
### Directivity



I.L. (Including the theoretical loss 0.46dB)



Mainline VSWR



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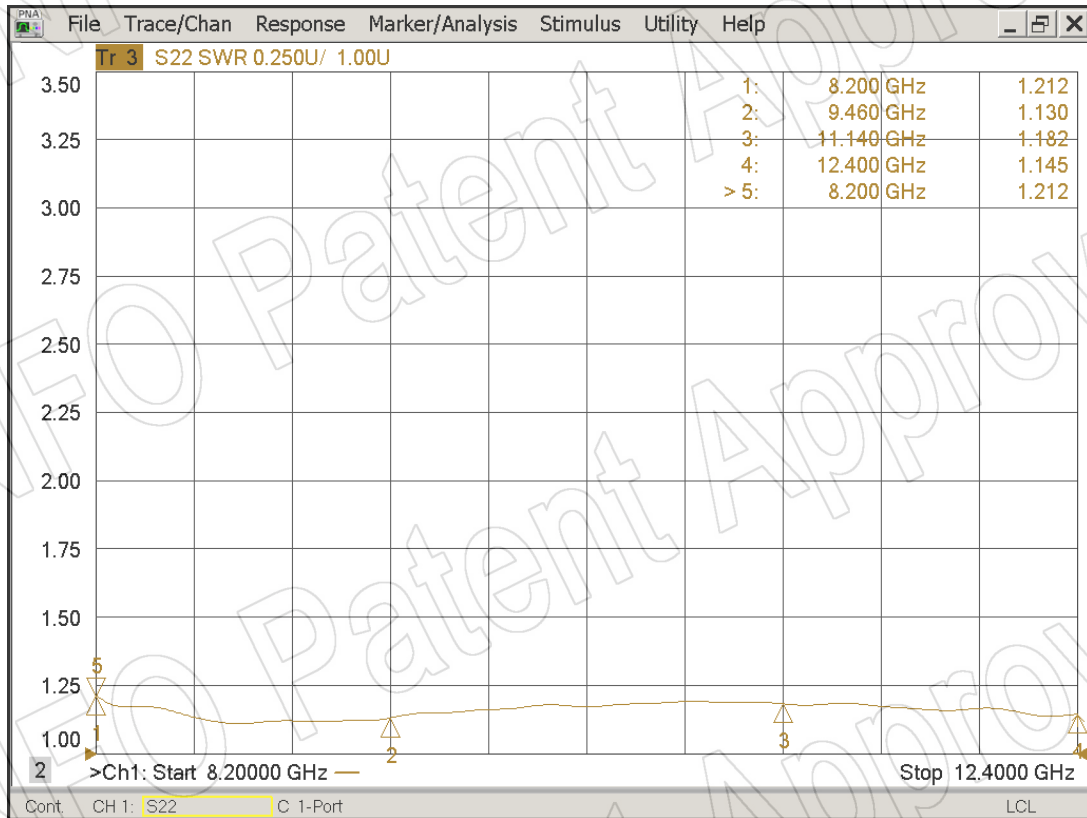
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## Secondline VSWR



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