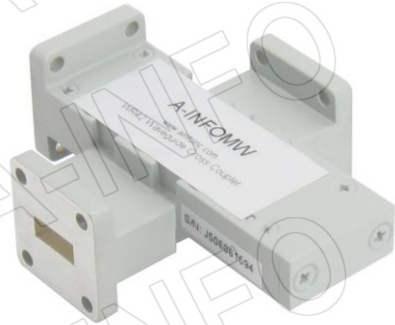
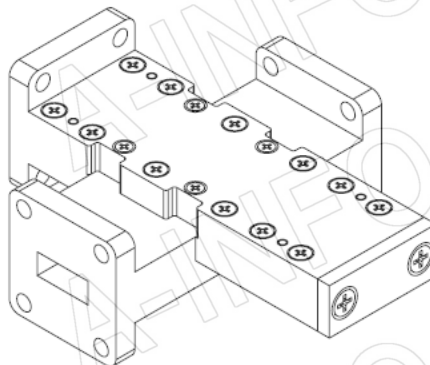
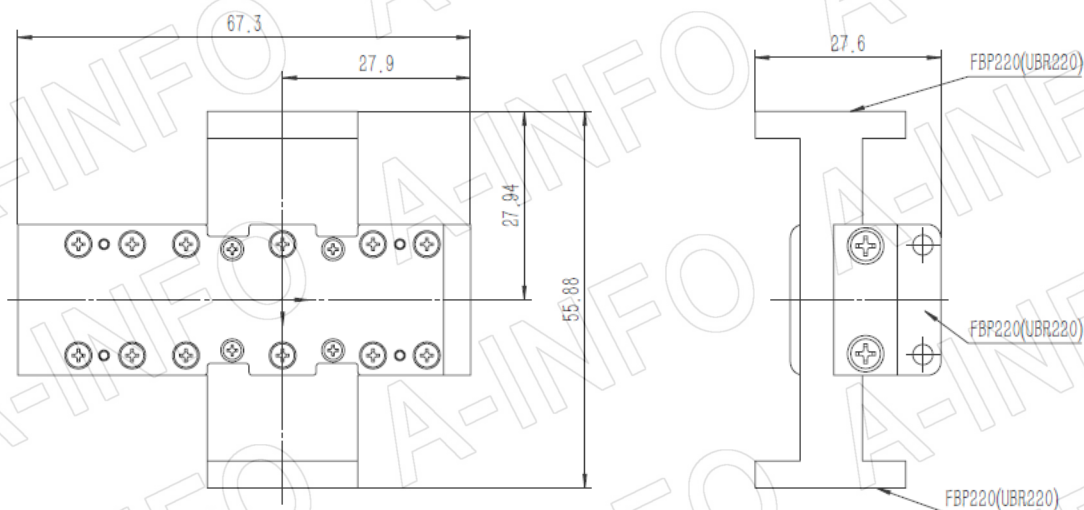


## Technical Specification



|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| EIA WR                    | WR42                                                                      |
| Frequency Range(GHz)      | 18.0 - 26.5                                                               |
| Coupling(dB)              | 40                                                                        |
| Coupling Accuracy(dB)     | ±0.7 Max.                                                                 |
| Frequency Sensitivity(dB) | ±1.0 Max.                                                                 |
| Directivity(dB)           | 18 Min.                                                                   |
| Insertion Loss(dB)        | 0.2 Max.<br>(Not including the theoretical loss $4.34 \times 10^{-4}$ dB) |
| Mainline VSWR             | 1.05:1 Max.                                                               |
| Secondline VSWR           | 1.10:1 Max.                                                               |
| Flange                    | FBP220(UBR220)                                                            |
| Material                  | Cu                                                                        |
| Size(mm)                  | 67.3 x 55.88 x 27.6                                                       |
| Net Weight(Kg)            | 0.16 Around                                                               |

## Outline Drawing (Size: mm)



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Page 1 of 5

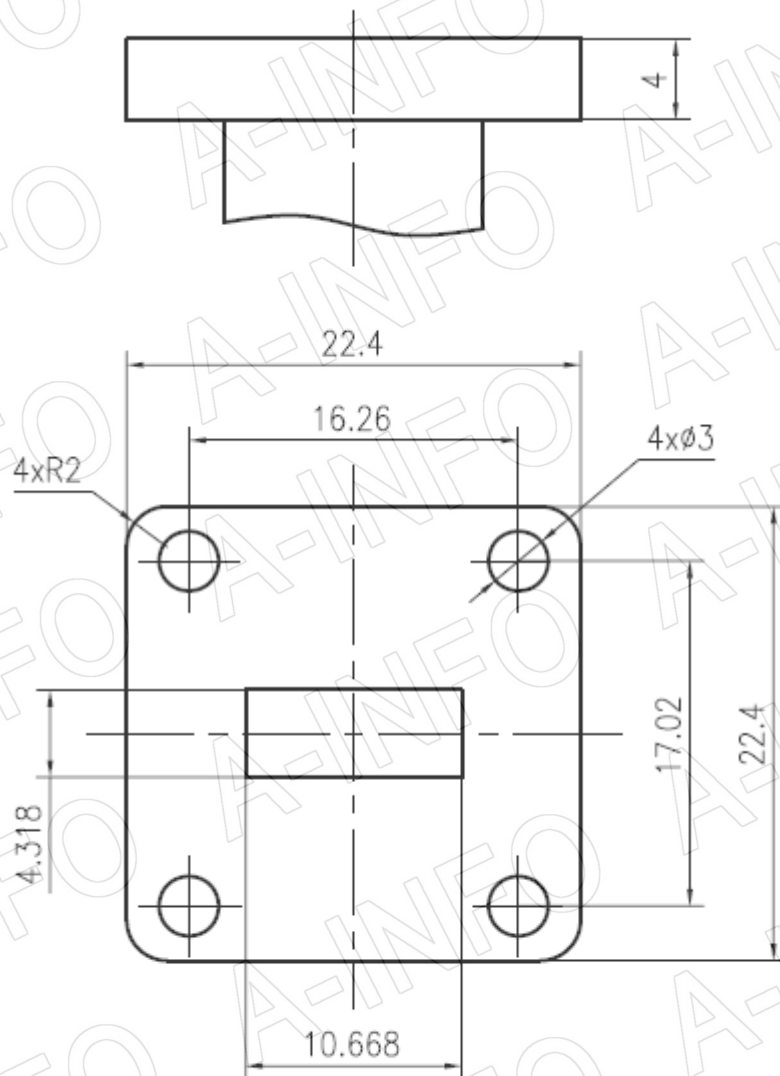
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA : Tel: (+1) 949-639-9688,

(+86) 10-6266-7327  
(+86) 28-8519-3044  
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Fax: (+86) 10-6266-7379  
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Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

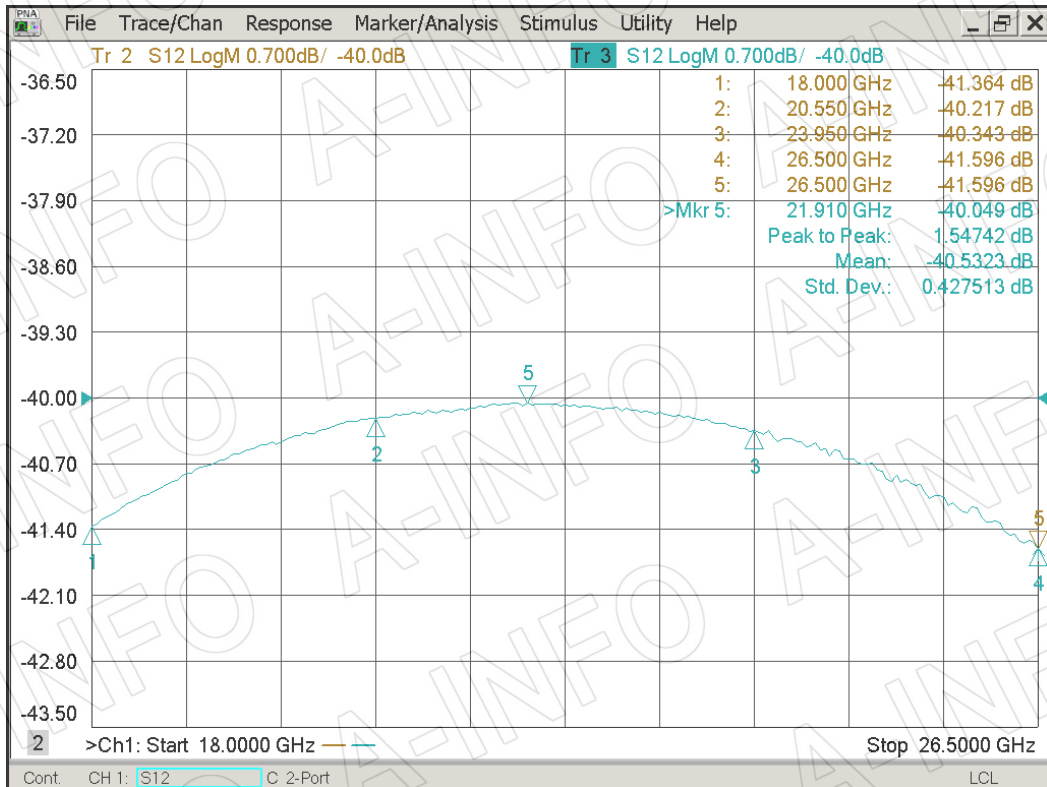
## Flange Drawing (Size: mm)



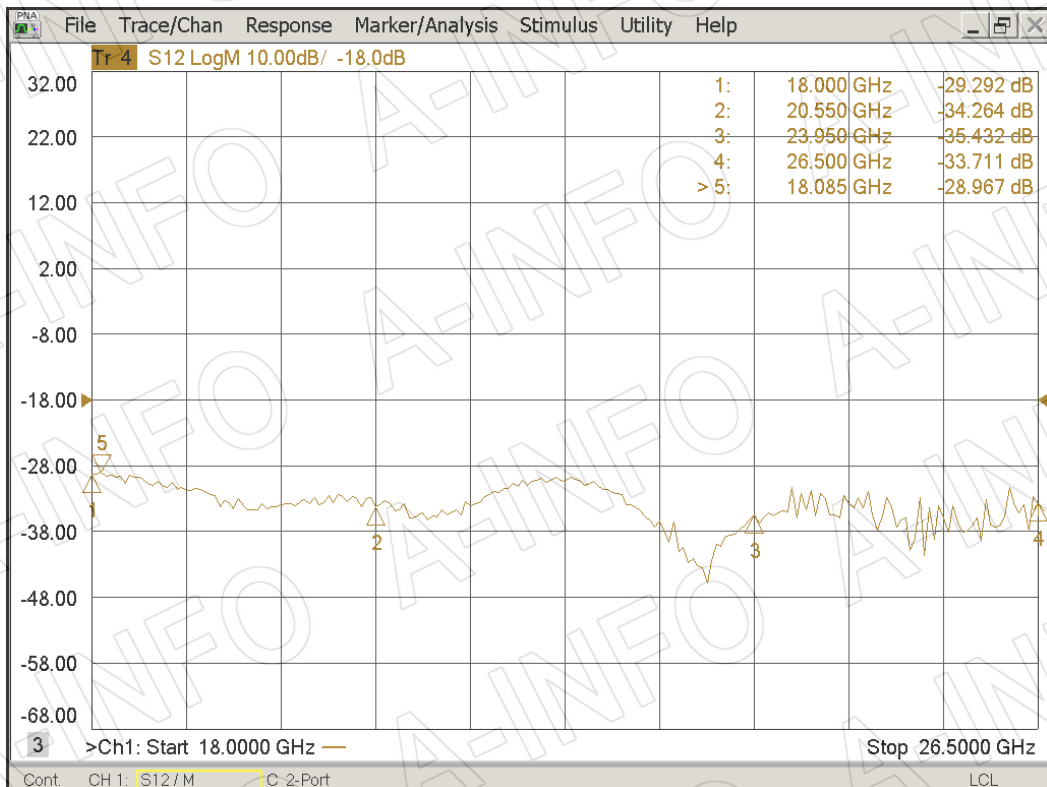
**FBP220**

## Test Results

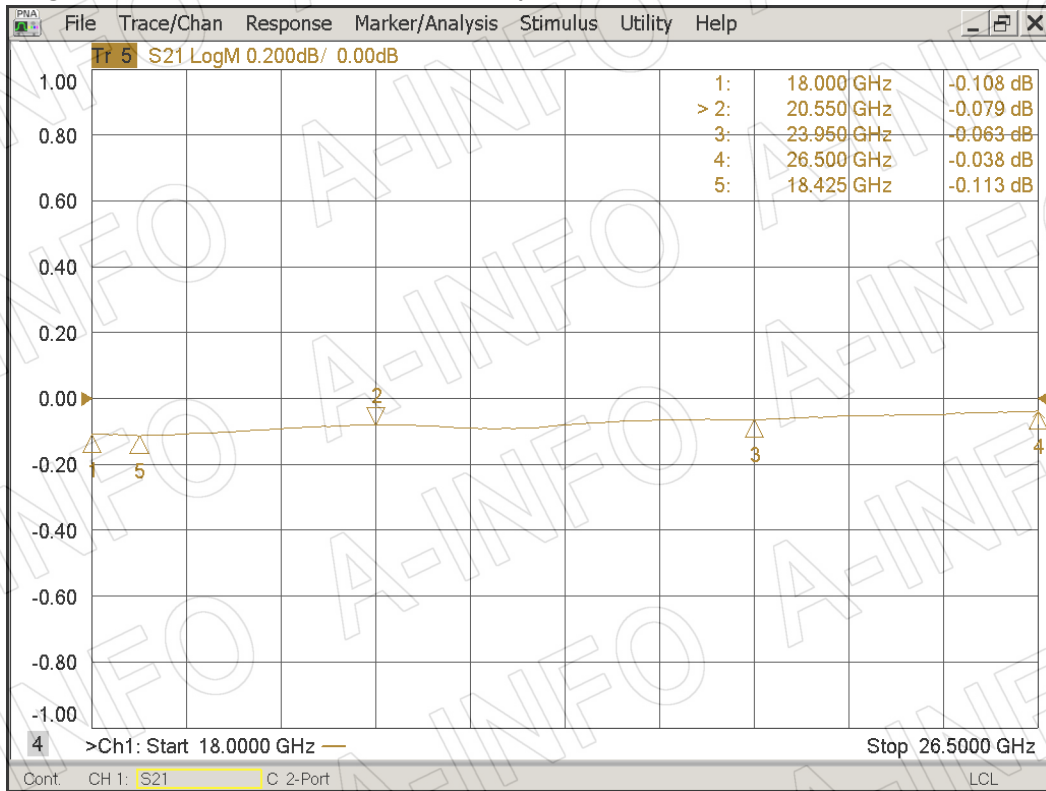
### Coupling



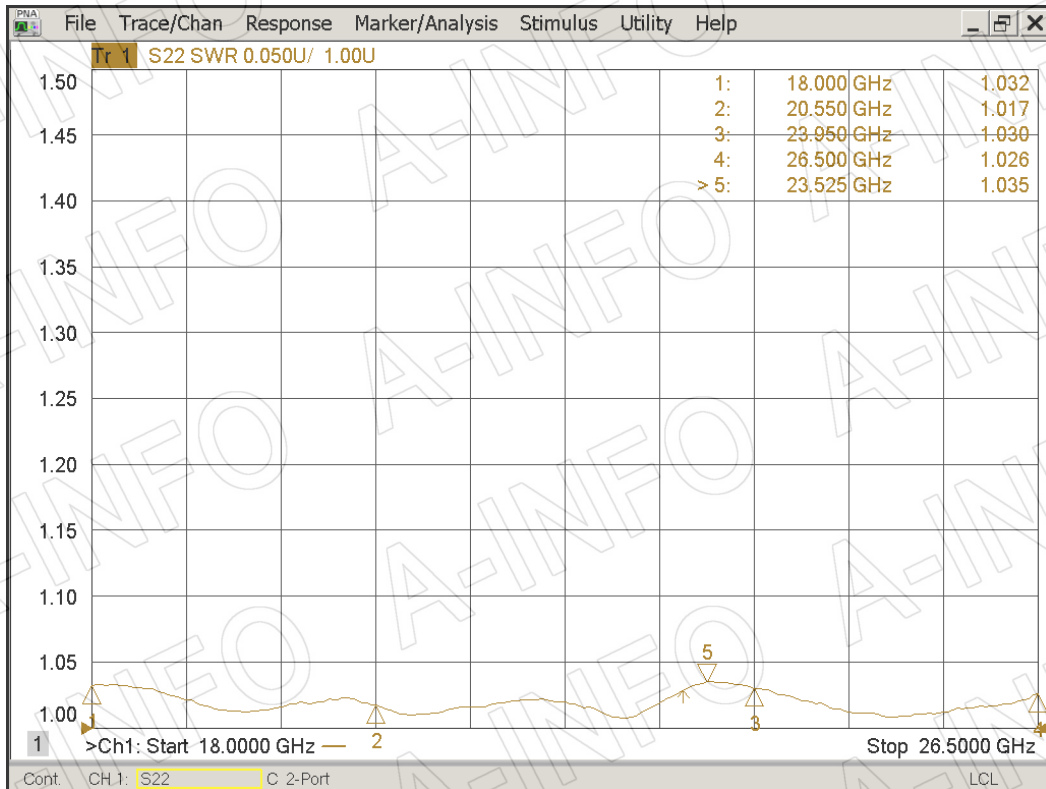
### Directivity



I.L. (Including the theoretical loss  $4.34 \times 10^{-4}$  dB)



Mainline VSWR



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Page 4 of 5

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USA :

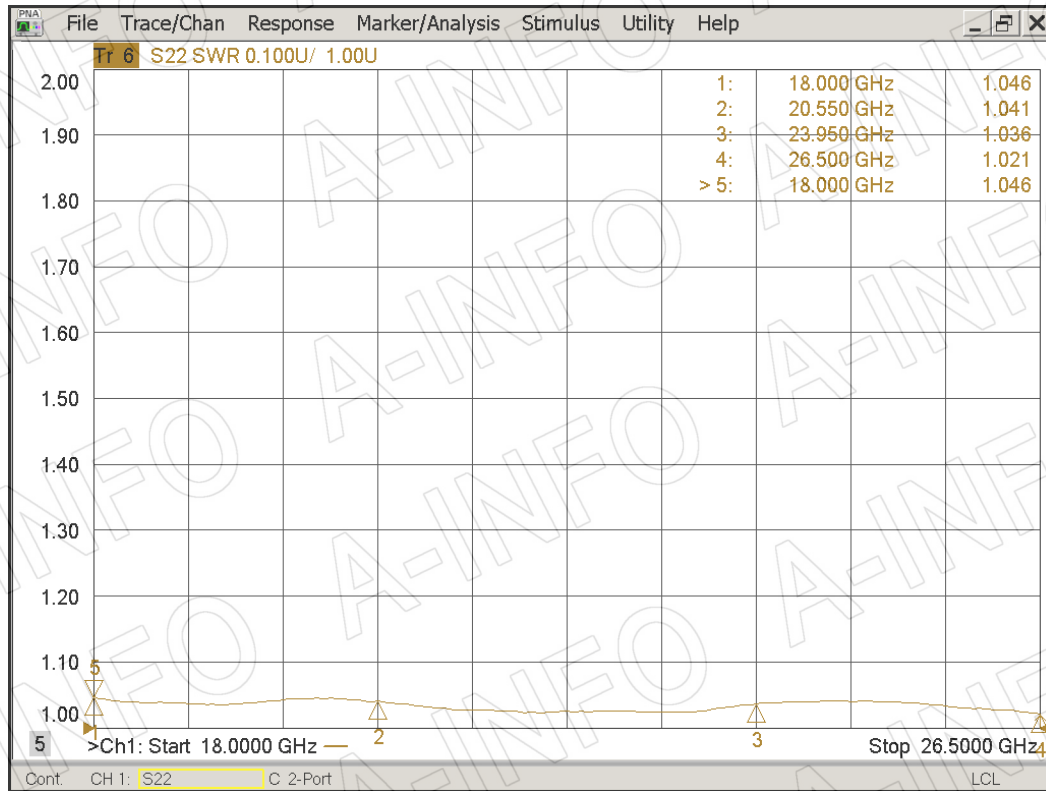
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## Secondline VSWR



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