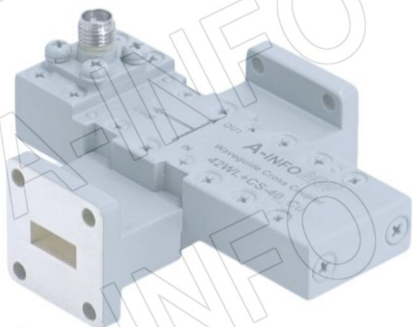


For reference only. See data sheet for the detailed specifications.

## Technical Specification

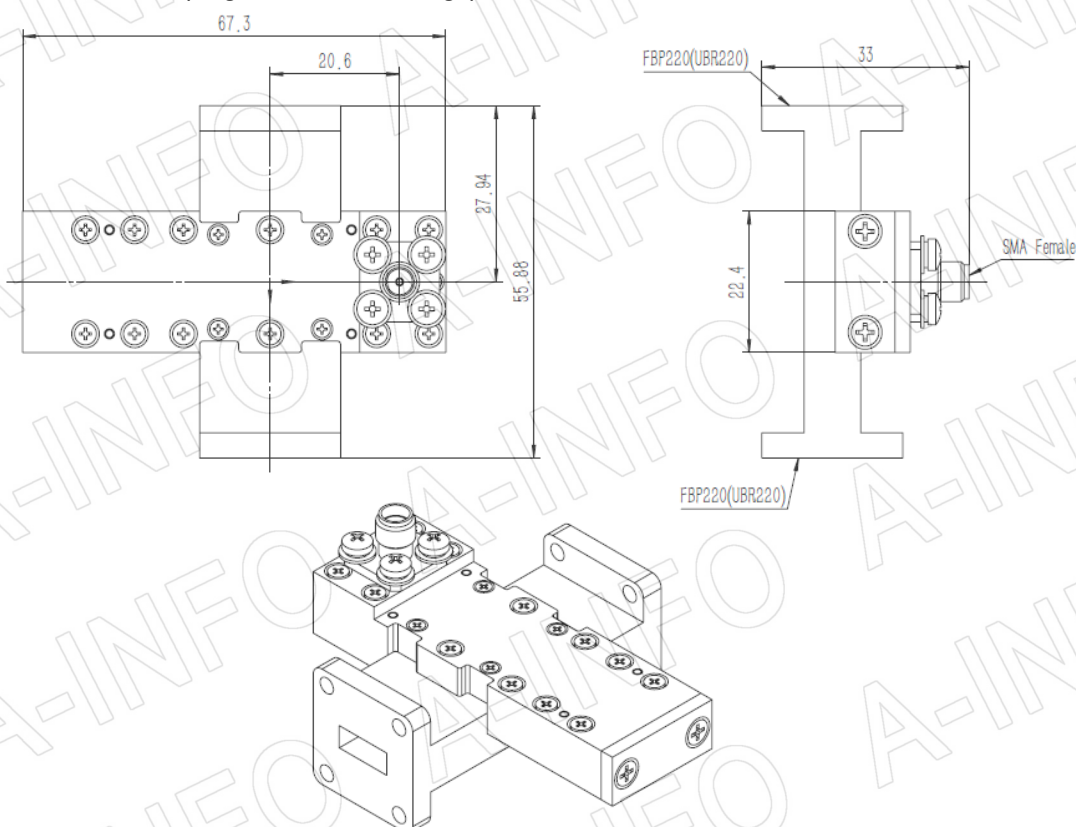


|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| EIA WR                    | WR42                                                                      |
| 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           | 1.35:1 Max.                                                               |
| Flange                    | FBP220(UBR220)                                                            |
| Coupling Port             | SMA-Female<br>or SMA-Male                                                 |
| Material                  | Cu                                                                        |
| Size(mm)                  | 67.3 x 55.88 x 33                                                         |
| Net Weight(Kg)            | 0.18 Around                                                               |

## 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 :

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

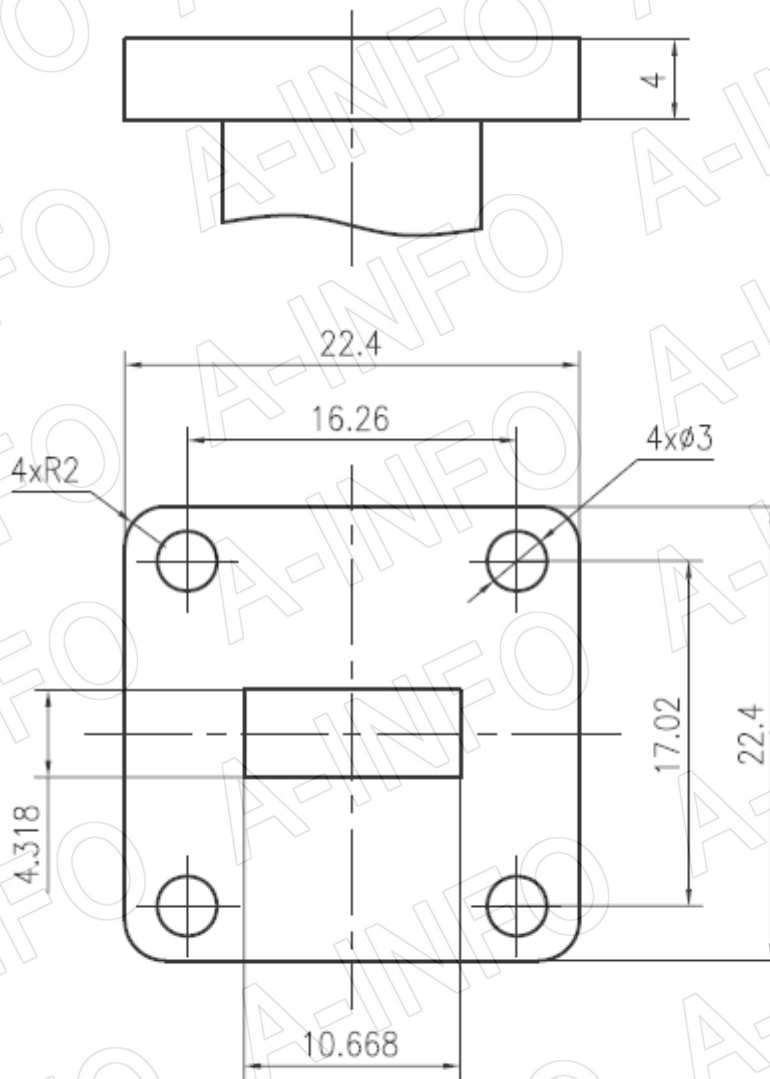
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(+86) 10-6266-7327  
(+86) 28-8519-3044  
(+1) 949-639-9608

Fax: (+86) 10-6266-7379  
Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

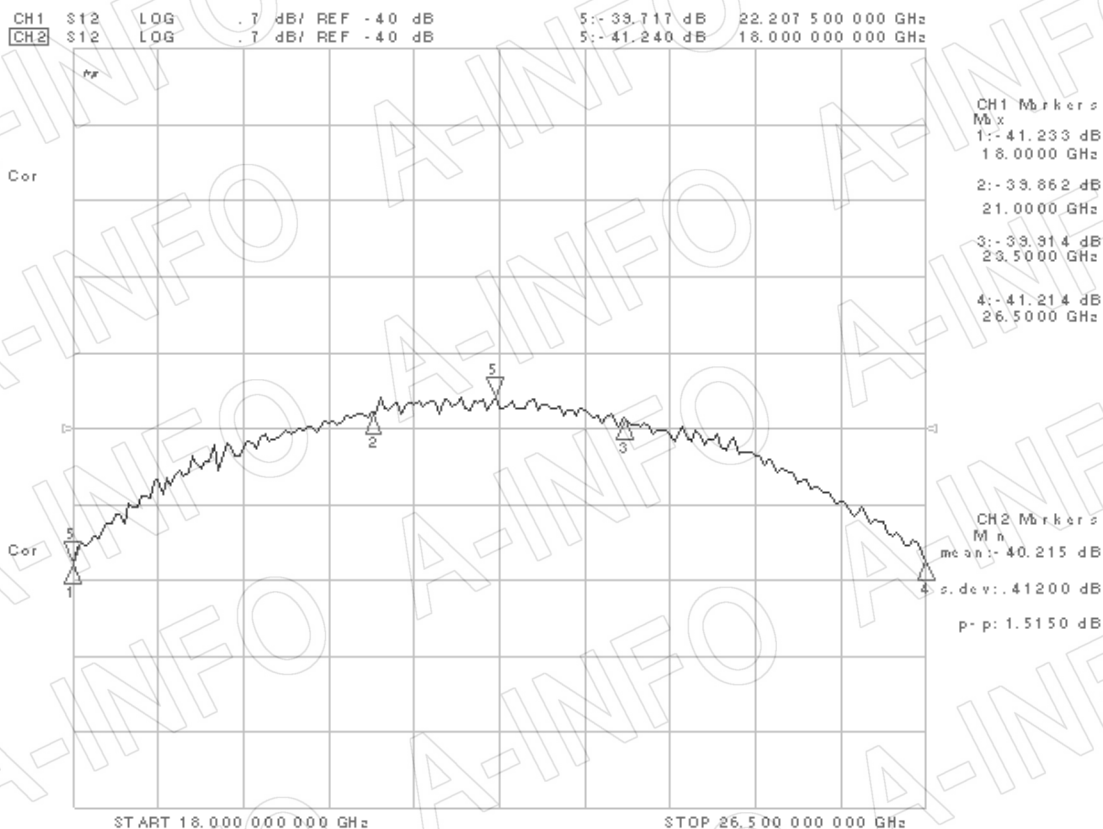
## Flange Drawing (Size: mm)



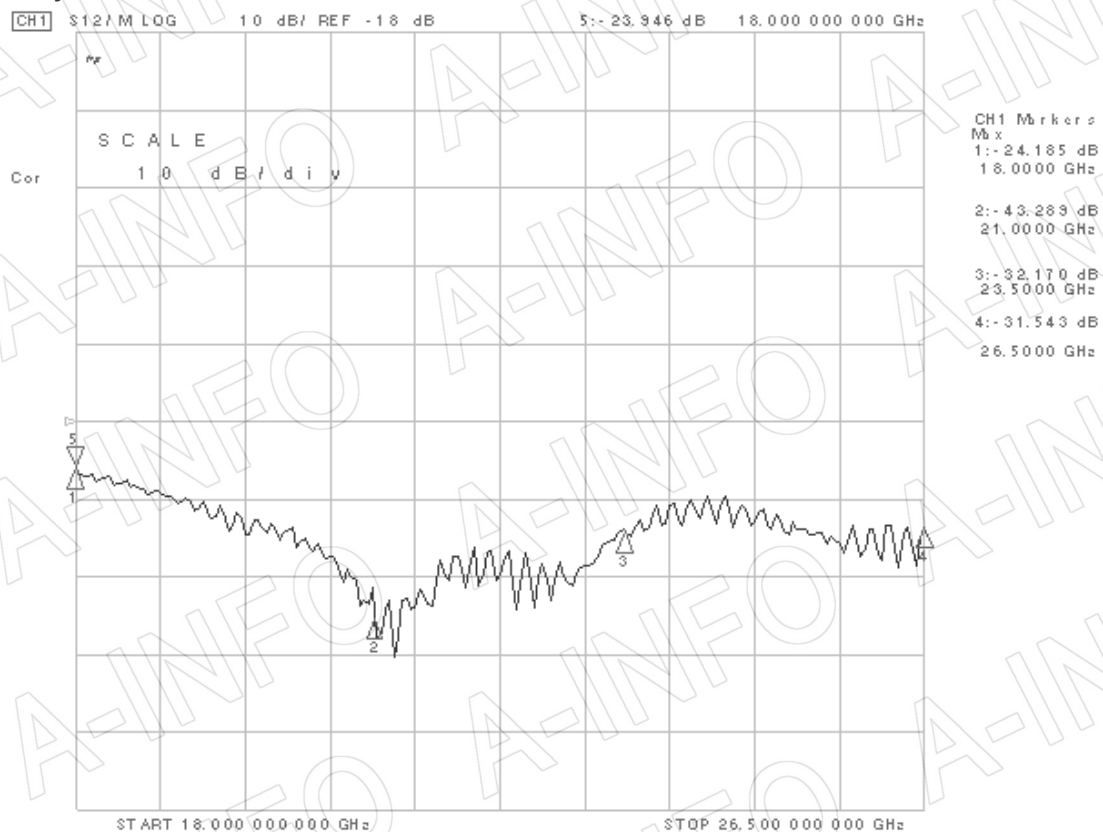
FBP220

## Test Results

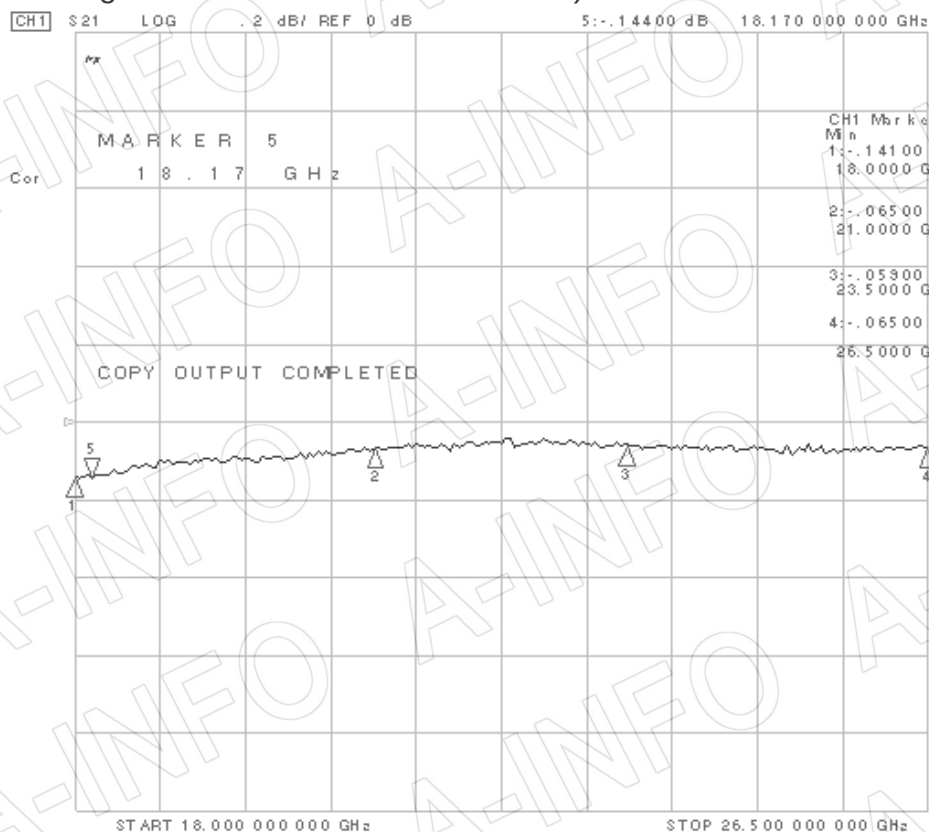
### Coupling



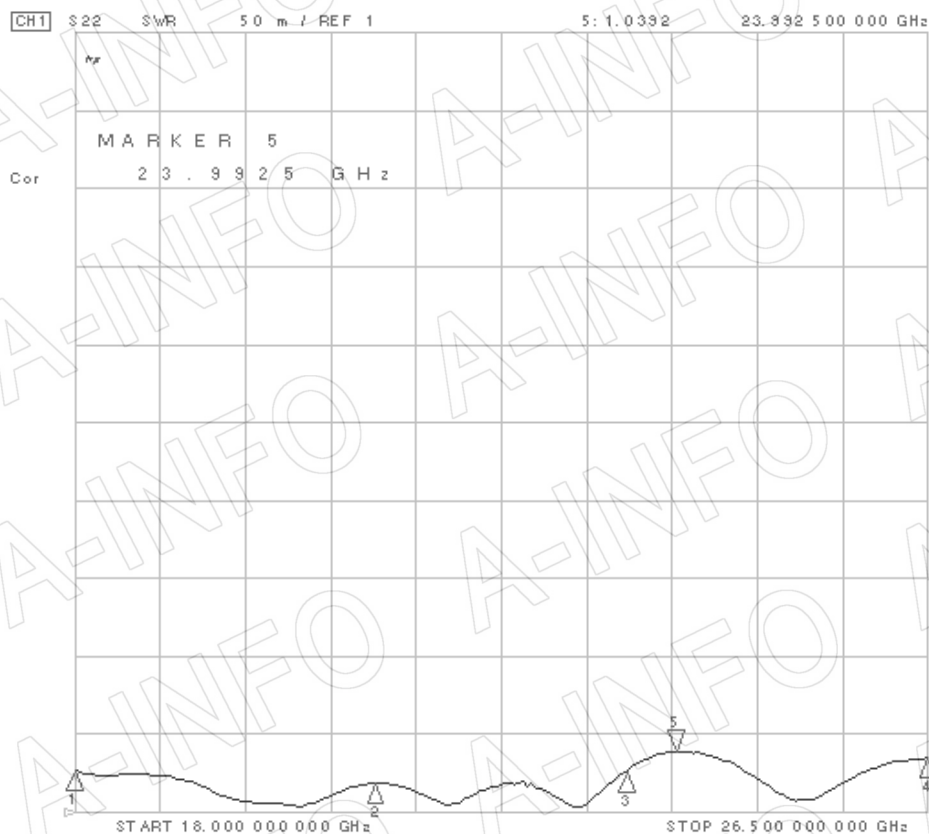
### Directivity



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



Mainline VSWR



AINFO Inc.

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

Page 4 of 5

(+86) 10-6266-7327  
(+86) 28-8519-3044  
(+1) 949-639-9608

Fax: (+86) 10-6266-7379  
Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Secondline VSWR

