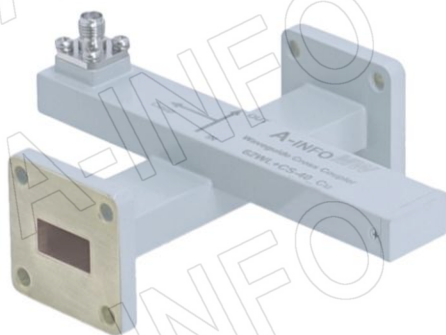


For reference only. See data sheet for the detailed specifications.

## Technical Specification

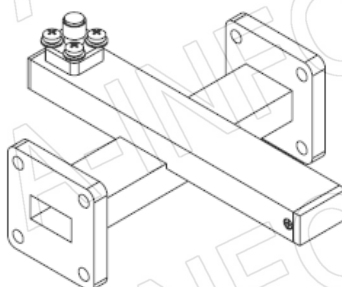
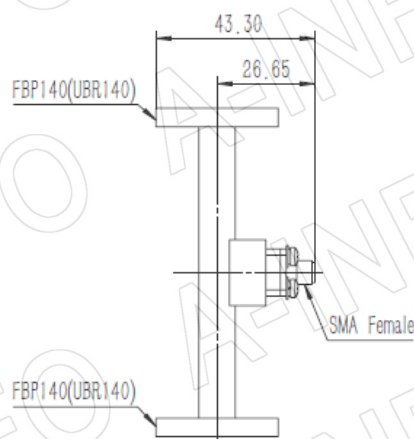
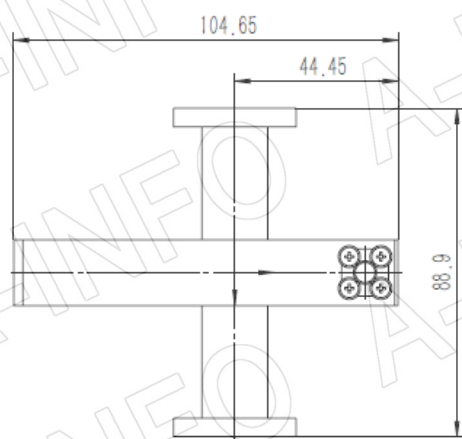


|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| EIA WR                    | WR62                                                                      |
| Frequency Range(GHz)      | 12.4 – 18.0                                                               |
| Coupling(dB)              | 40                                                                        |
| Coupling Accuracy(dB)     | ±0.7 Max.                                                                 |
| Frequency Sensitivity(dB) | ±1.0 Max.                                                                 |
| Directivity(dB)           | 18 Min.                                                                   |
| Insertion Loss(dB)        | 0.1 Max.<br>(Not including the theoretical loss $4.34 \times 10^{-4}$ dB) |
| Mainline VSWR             | 1.05:1 Max.                                                               |
| Secondline VSWR           | 1.25:1 Max.                                                               |
| Flange                    | FBP140(UBR140)                                                            |
| Coupling Port             | SMA-Female/SMA-Male                                                       |
| Material                  | Cu                                                                        |
| Size(mm)                  | 104.65 x 88.9 x 43.3                                                      |
| Net Weight(Kg)            | 0.20 Around                                                               |

## 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 :

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

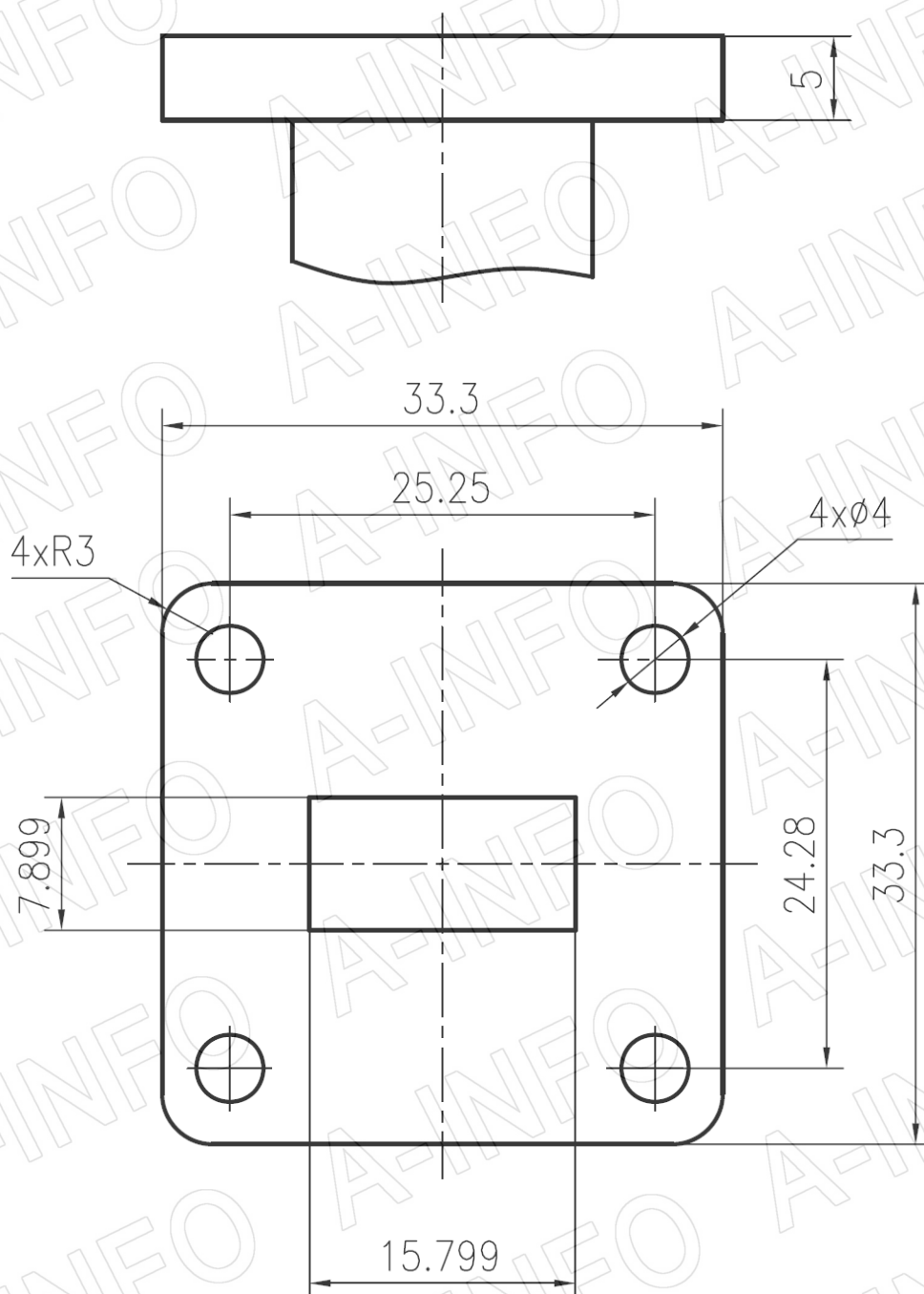
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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Flange Drawing (Size: mm)



**FBP140**

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(+1) 949-639-9608

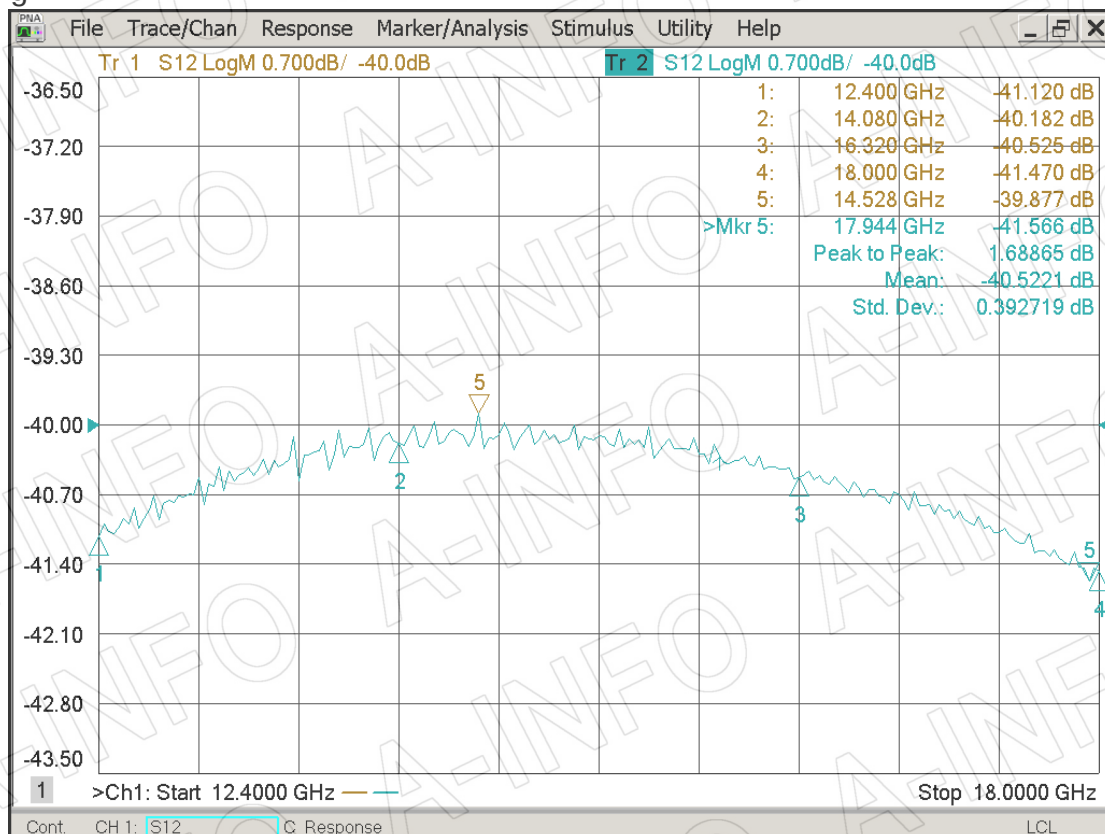
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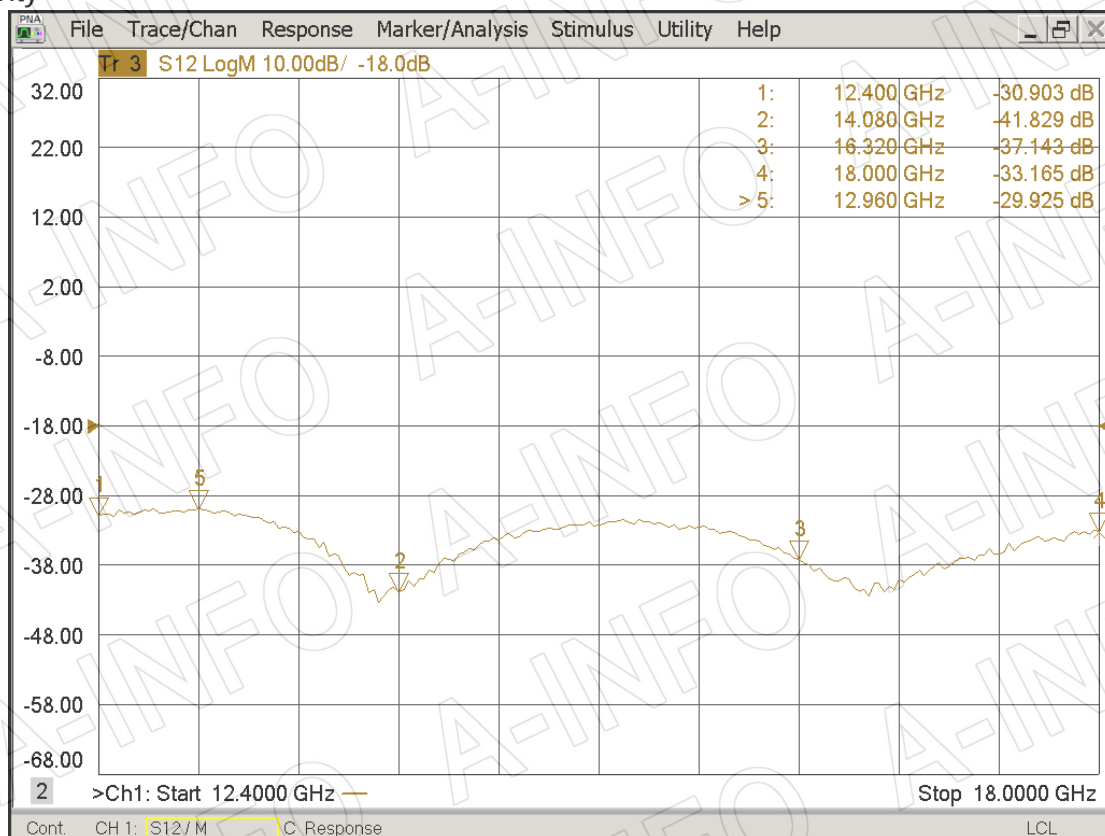
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

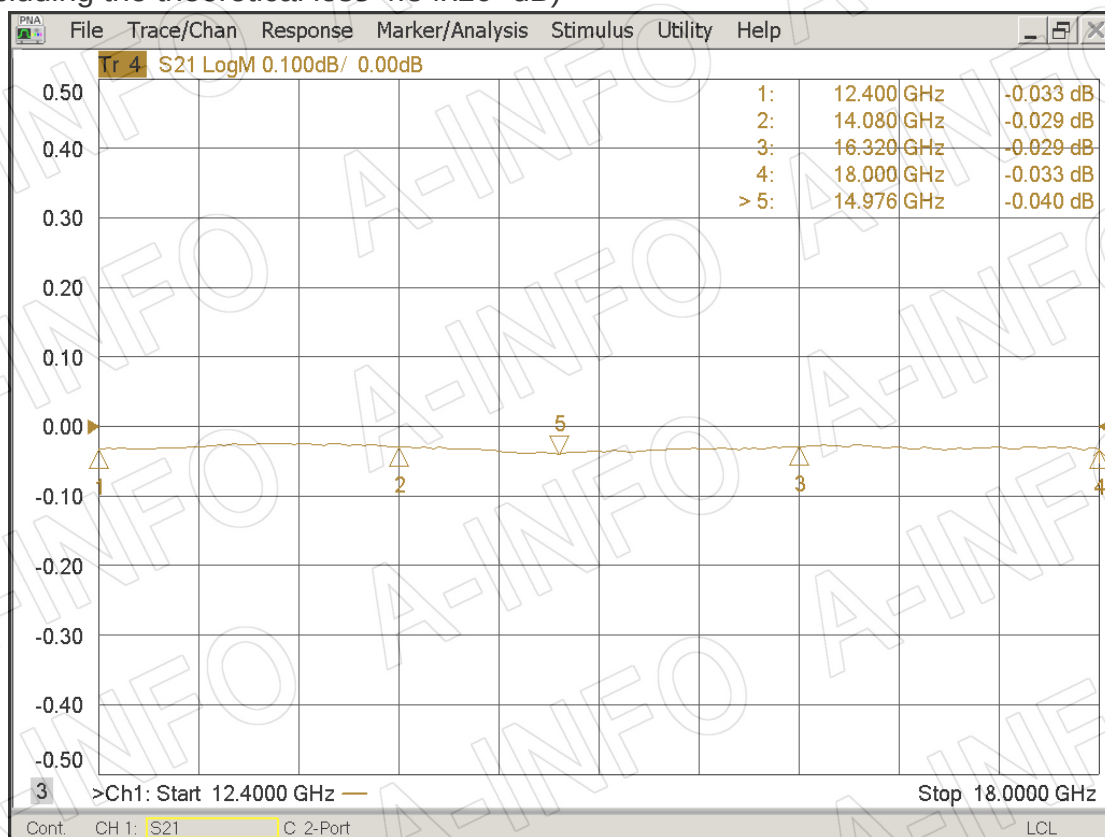
### Coupling



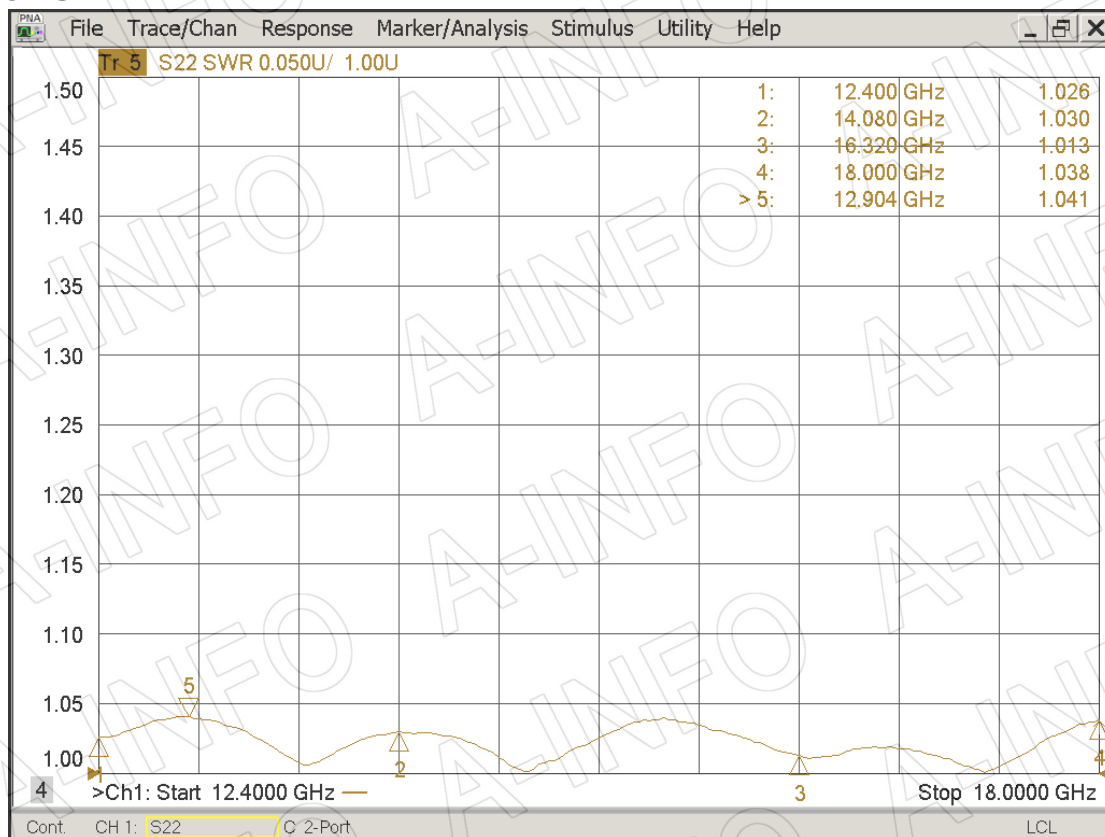
### Directivity



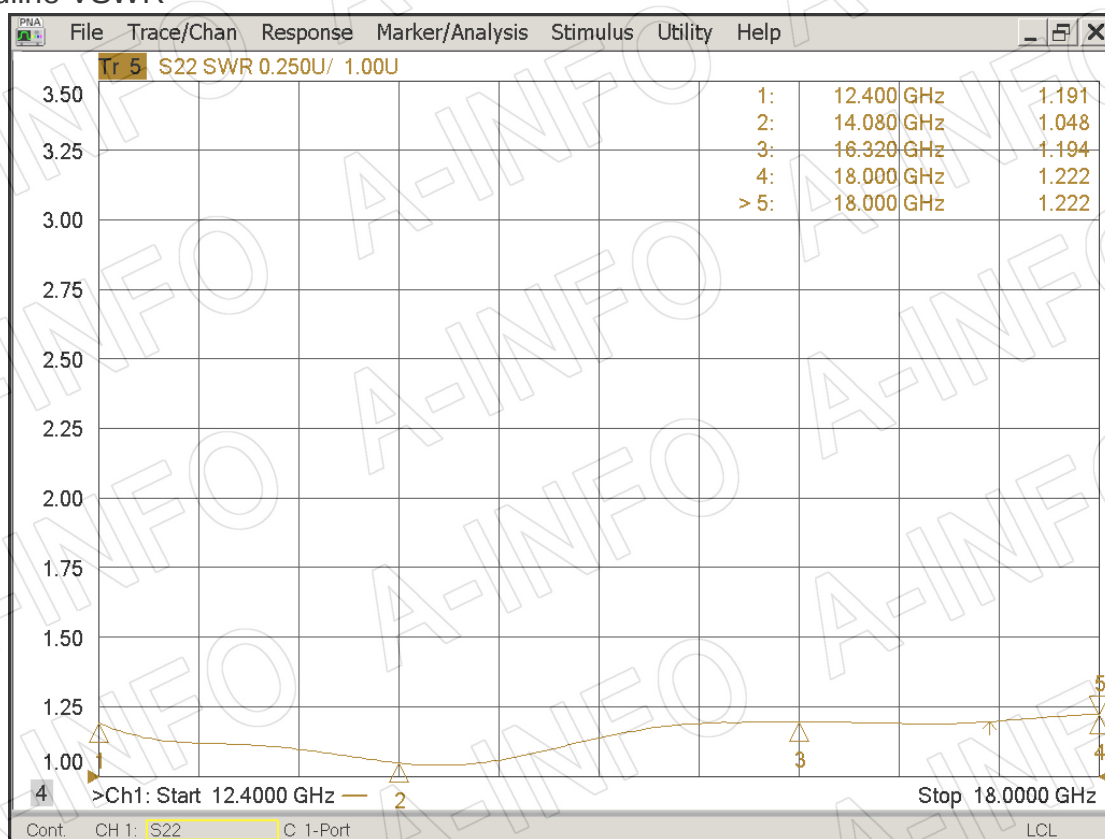
I.L. (Including the theoretical loss  $4.34 \times 10^{-4}$  dB)



Mainline VSWR



## Secondline VSWR



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