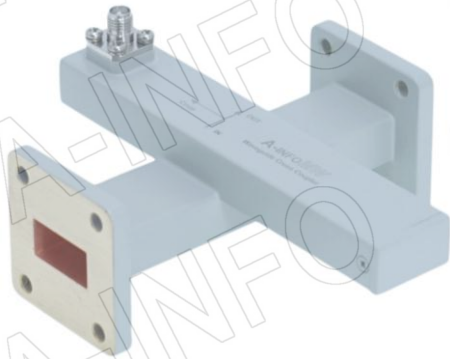


For reference only. See data sheet for the detailed specifications.

## Technical Specification

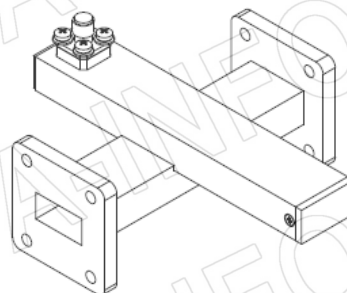
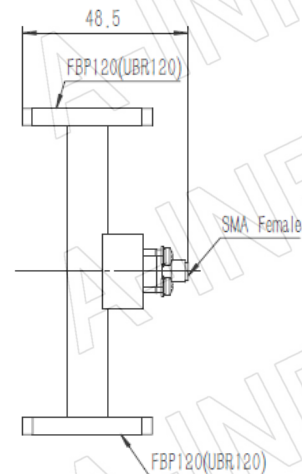
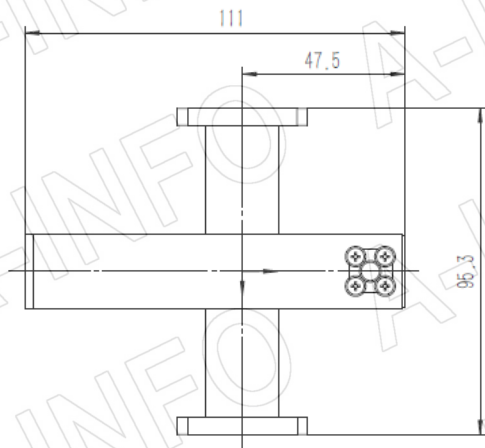


| EIA WR                    | WR75                                                                      |
|---------------------------|---------------------------------------------------------------------------|
| Frequency Range(GHz)      | 10.0 – 15.0                                                               |
| Coupling(dB)              | 60                                                                        |
| 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 $4.34 \times 10^{-6}$ dB) |
| Mainline VSWR             | 1.05:1 Max.                                                               |
| Secondline VSWR           | 1.25:1 Max.                                                               |
| Flange                    | FBP120(UBR120)                                                            |
| Coupling Port             | SMA-Female / SMA-Male                                                     |
| Material                  | Cu                                                                        |
| Size(mm)                  | 111 x 95.3 x 48.5                                                         |
| Net Weight(Kg)            | 0.26 Around                                                               |

## Outline Drawing (Size: mm)

Coupling Port: SMA-Female

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



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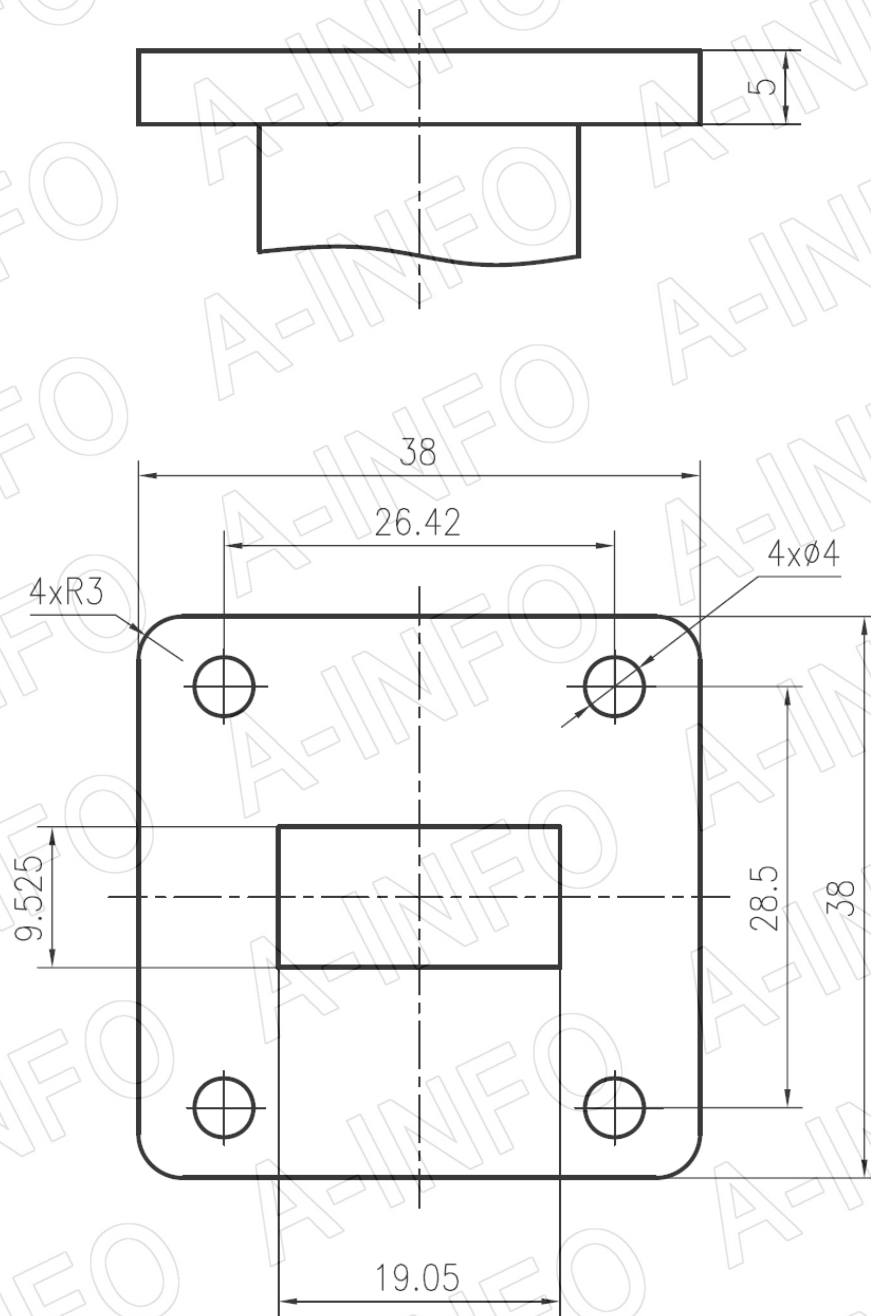
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Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

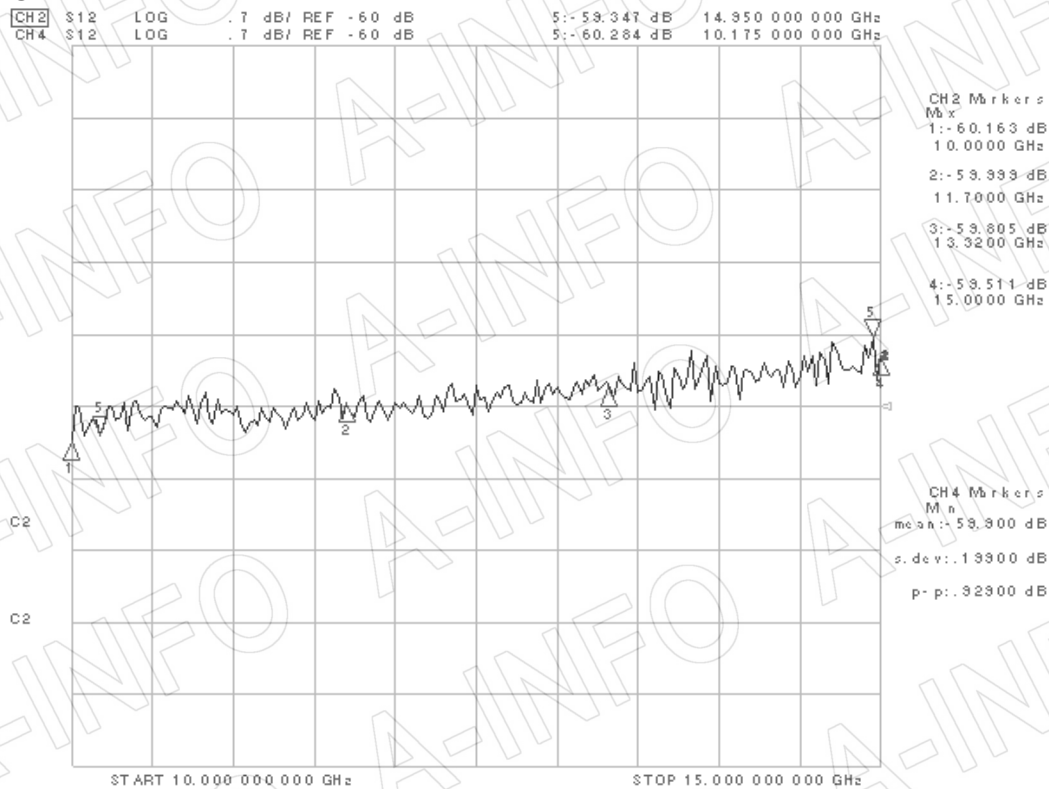
## Flange Drawing (Size: mm)



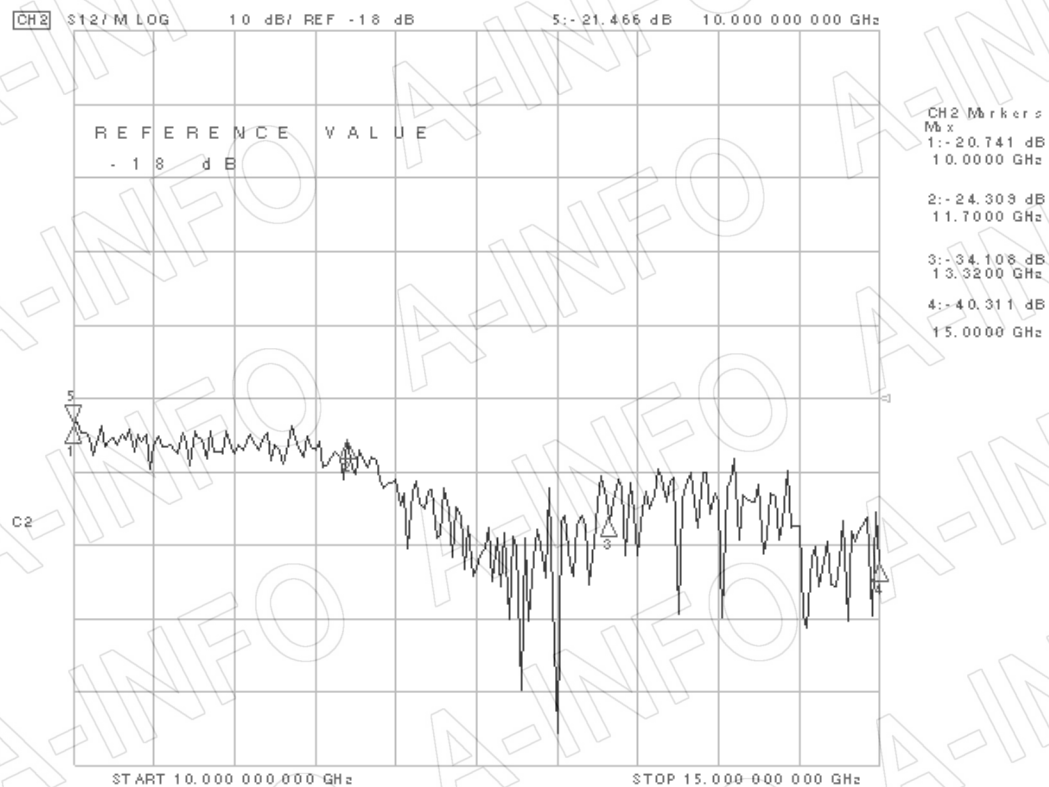
FBP120

## Test Results

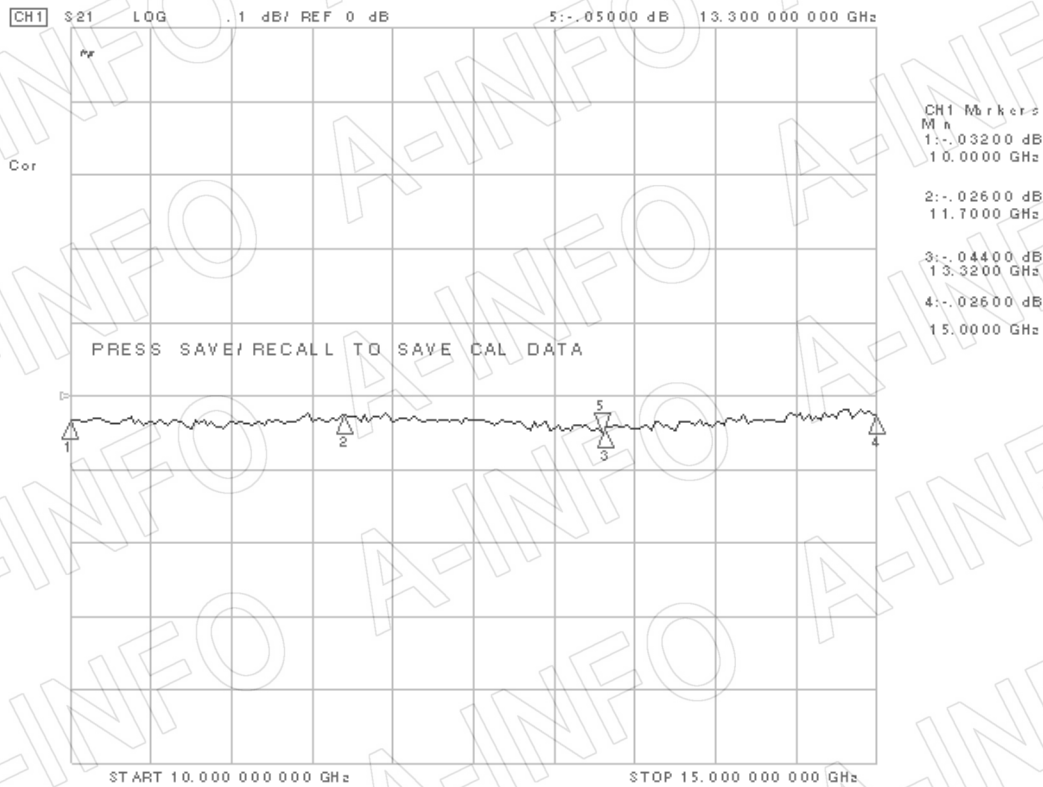
### Coupling



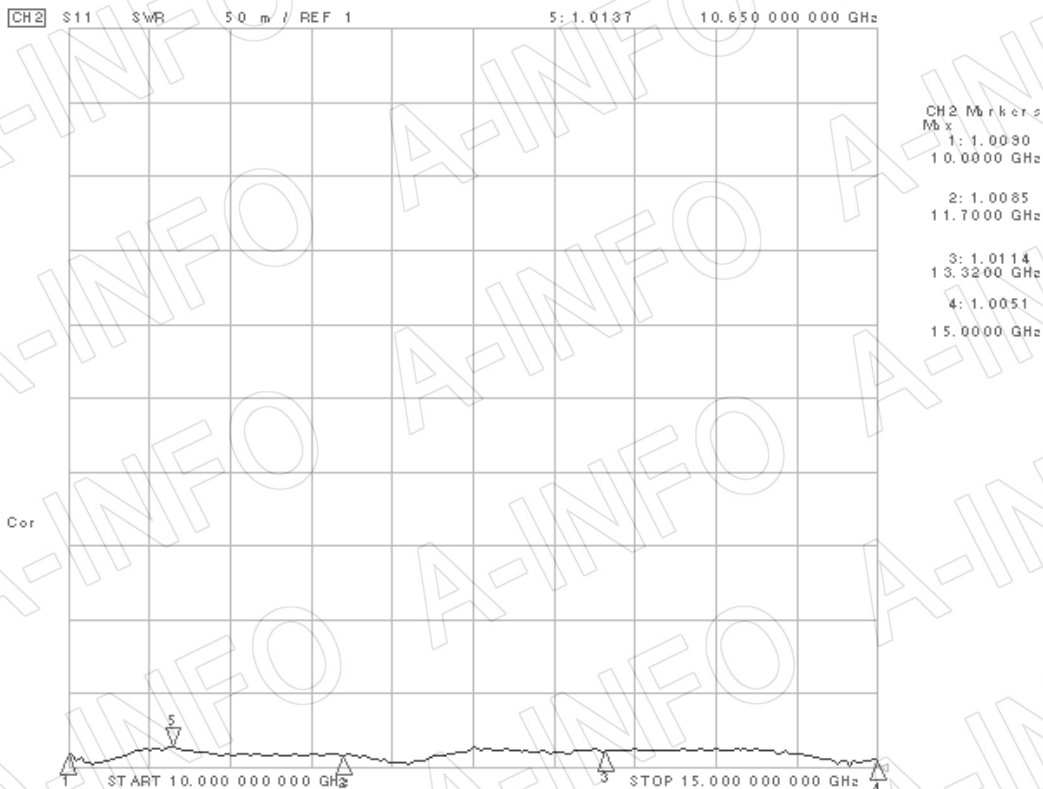
### Directivity



I.L. (Including the theoretical loss  $4.34 \times 10^{-6}$  dB)



Mainline VSWR



AINFO Inc.

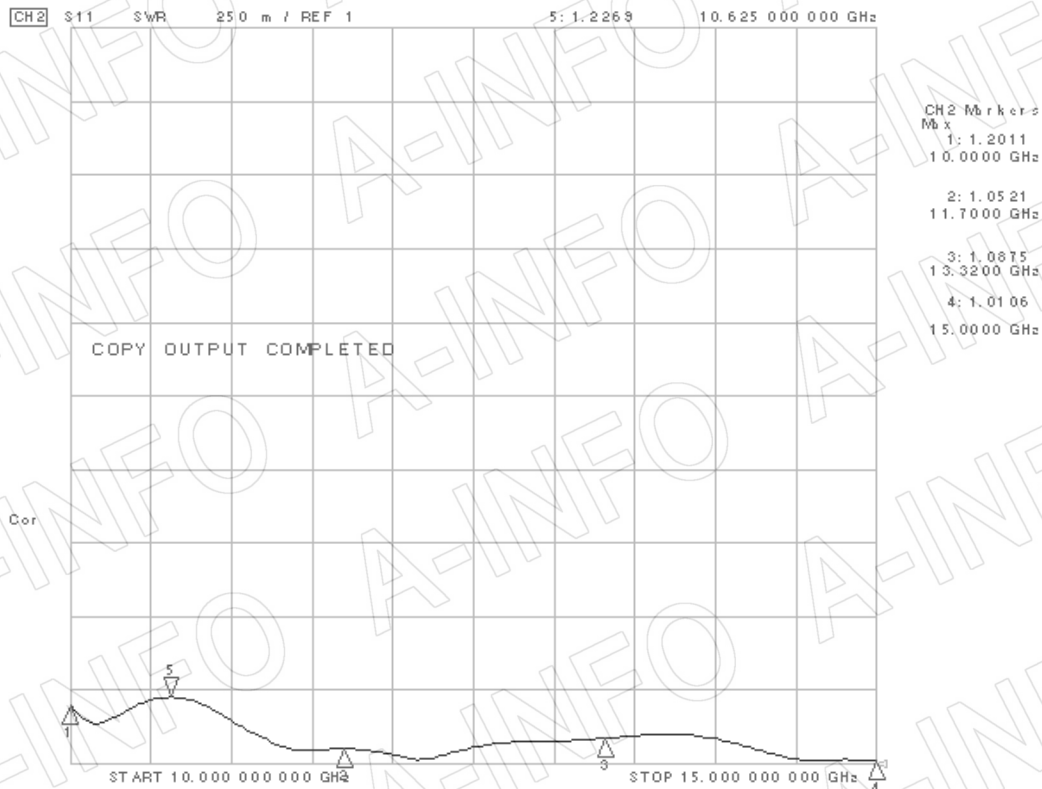
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## Secondline VSWR



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