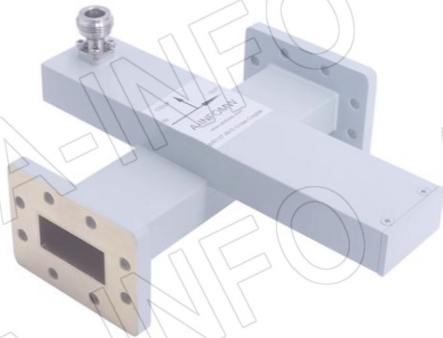


## Technical Specification

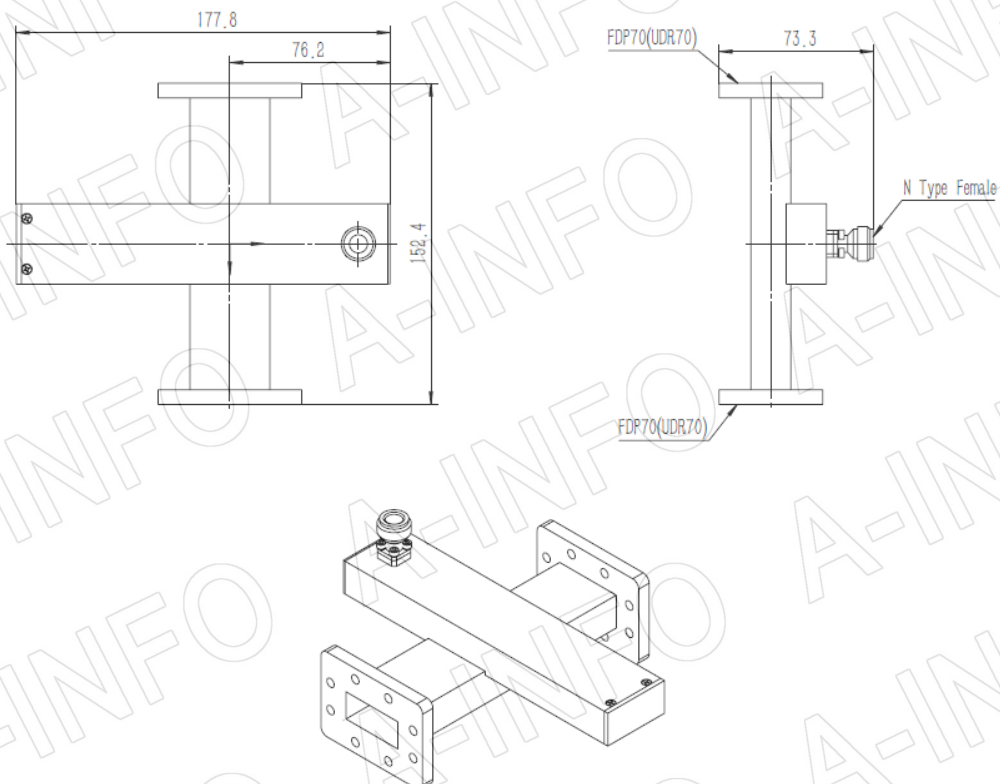


|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| EIA WR                    | WR137                                                                     |
| Frequency Range(GHz)      | 5.85 – 8.20                                                               |
| 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                    | FDP70(UDR70)                                                              |
| Coupling Port             | N-Female / N-Male                                                         |
| Material                  | Al                                                                        |
| Size(mm)                  | 177.8 x 152.4 x 73.3                                                      |
| Net Weight(Kg)            | 0.30 Around                                                               |

## Outline Drawing (Size: mm)

Coupling Port: N-Female

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



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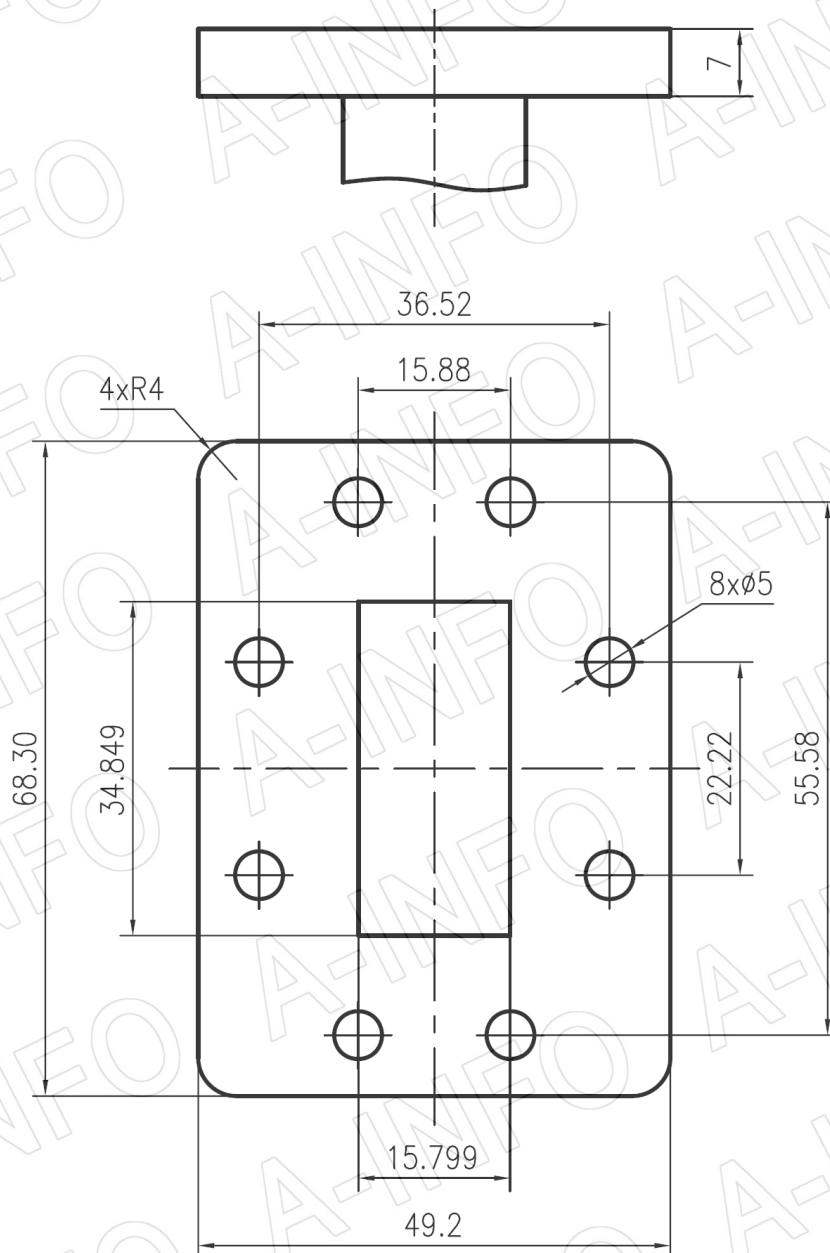
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 China(Chengdu): Tel: (+86) 28-8519-2786,  
 USA : Tel: (+1) 949-639-9688,

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 (+1) 949-639-9608 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)



## FDP70

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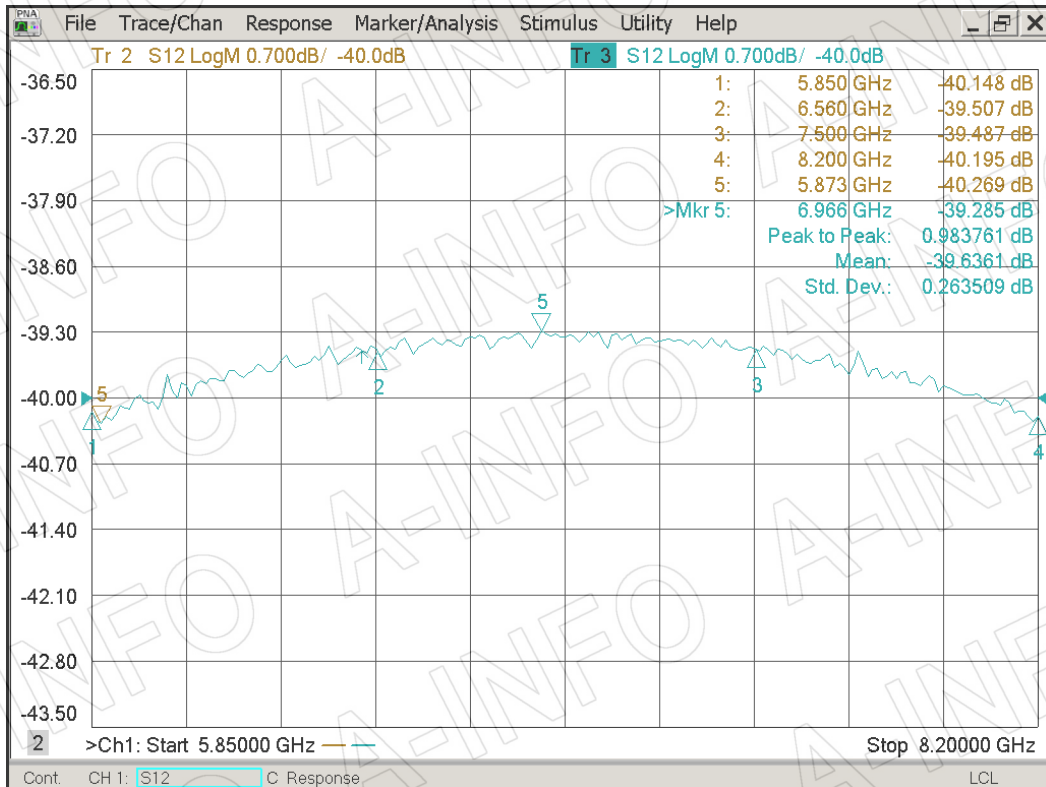
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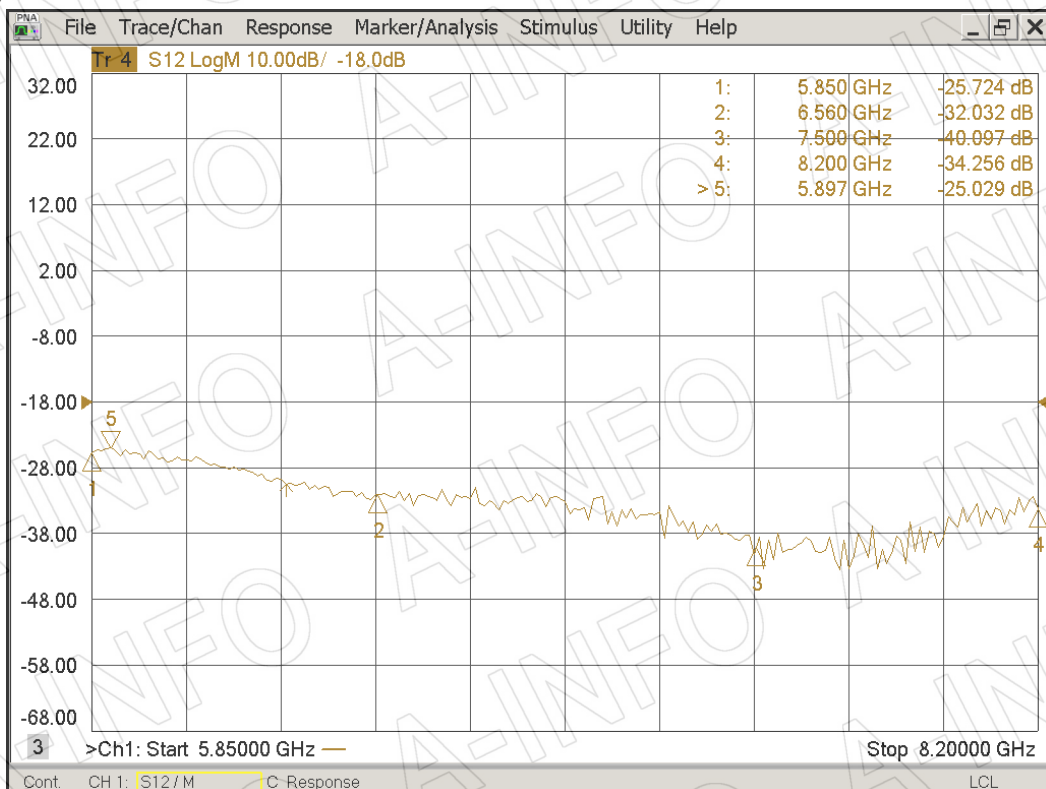
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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

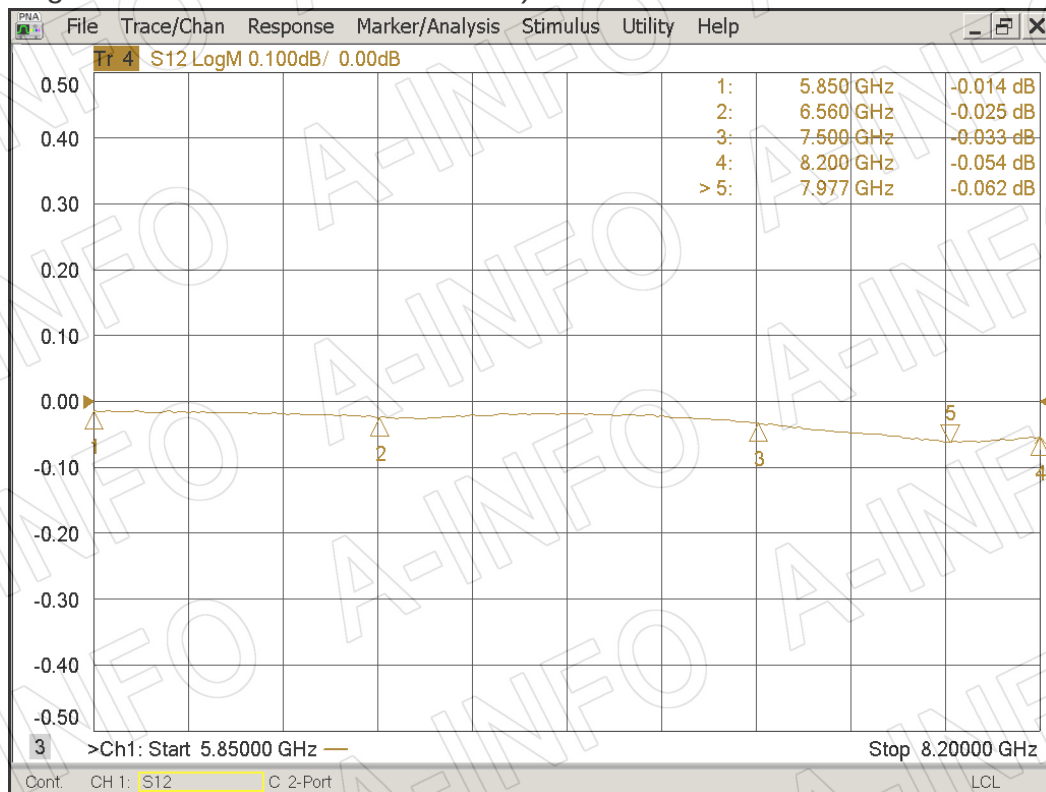
### Coupling



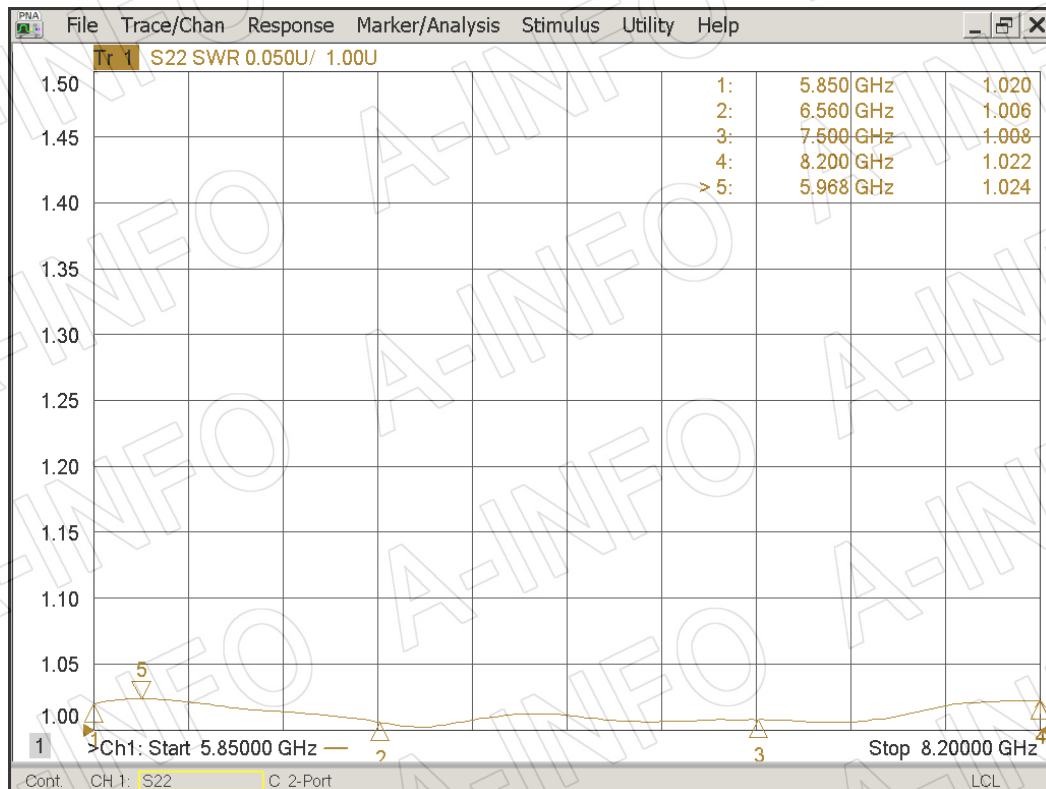
### Directivity



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



Mainline VSWR



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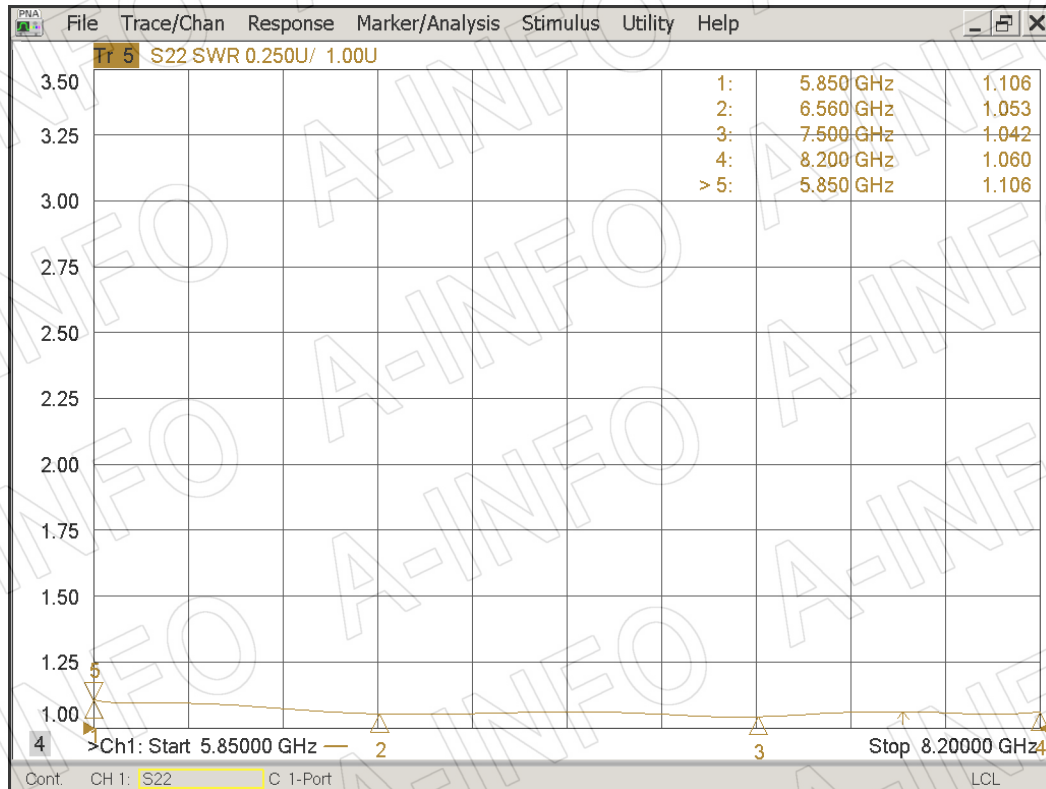
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## Secondline VSWR



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