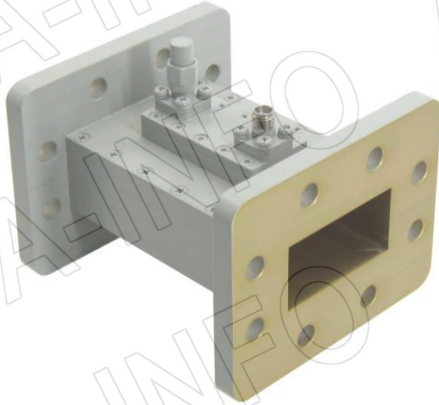


## Technical Specification

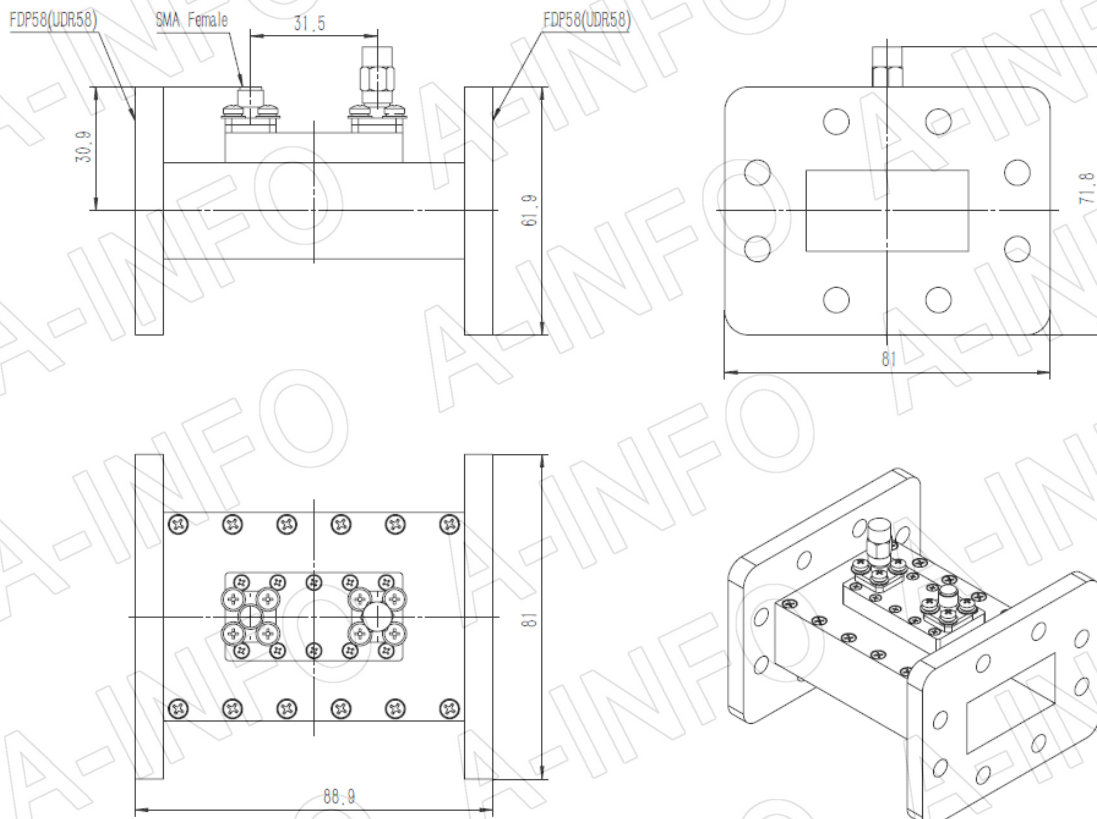


EIA WR	WR159
Frequency Range(GHz)	4.90 – 7.05
Coupling(dB)	40
Directivity(dB)	15 Typ.
Insertion Loss(dB)	0.1 Max. (Not including the theoretical loss $4.34 \times 10^{-4}$ dB)
VSWR Mainline	1.10:1 Max.
VSWR Secondline	1.35:1 Max.
Flange	FDP58(UDR58)
Coupling Port	SMA-Female/ SMA-Male
Material	Al
Size(mm)	88.9 x 81 x 71.8
Net Weight(Kg)	0.25 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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USA :

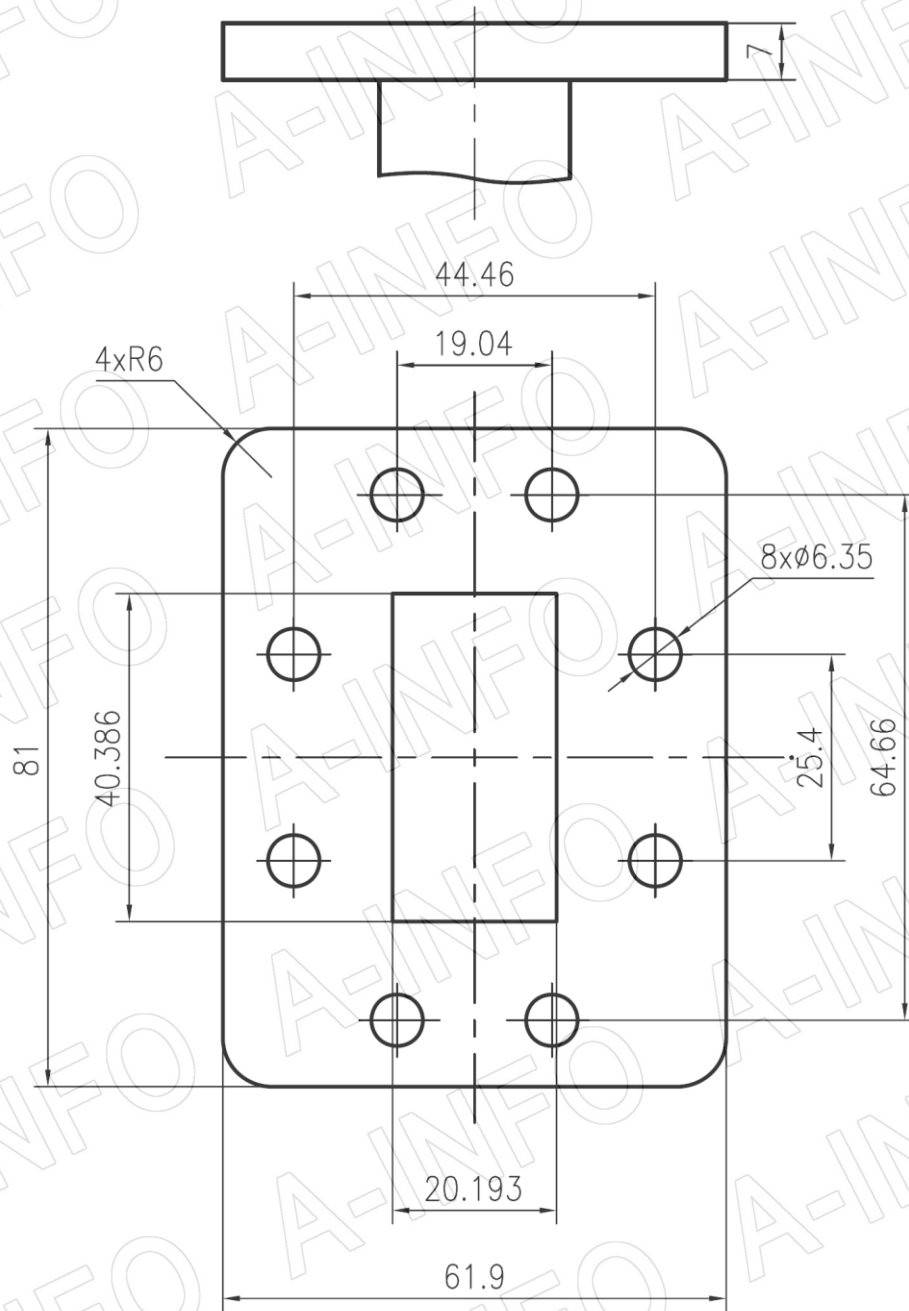
Tel: (+86) 10-6266-7326,  
Tel: (+86) 28-8519-2786,  
Tel: (+1) 949-639-9688,

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

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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)



### FDP58

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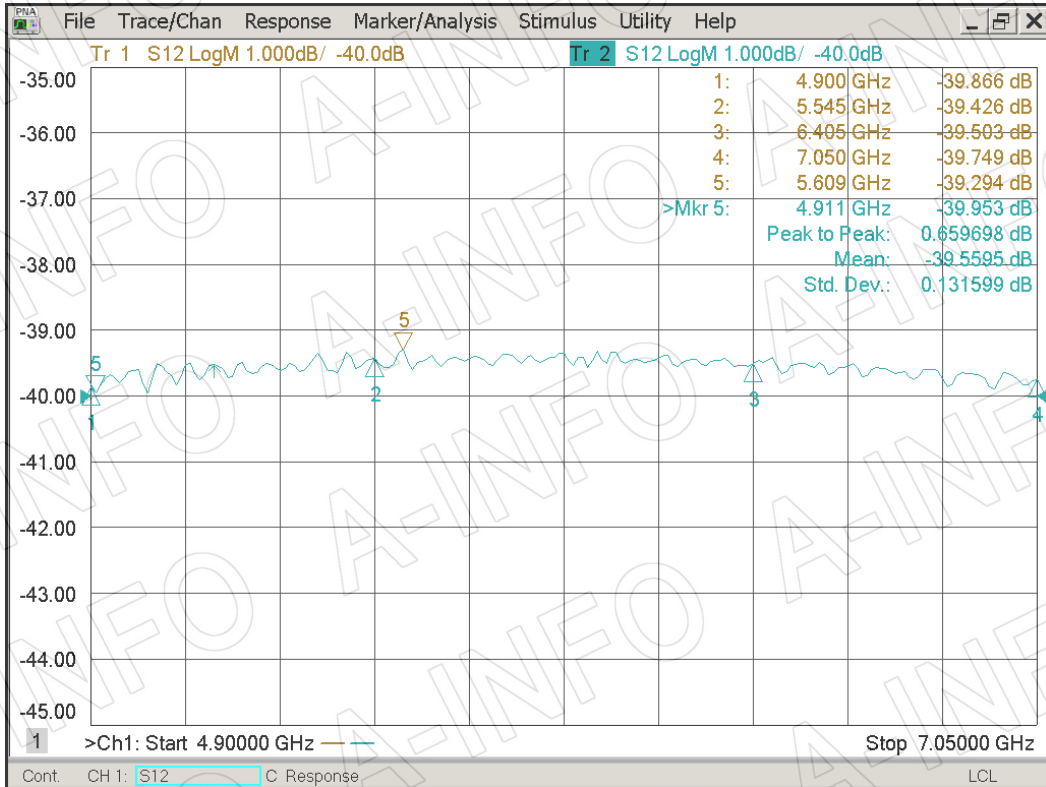
China(Beijing): Tel: (+86) 10-6266-7326,  
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USA: Tel: (+1) 949-639-9688,

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379  
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

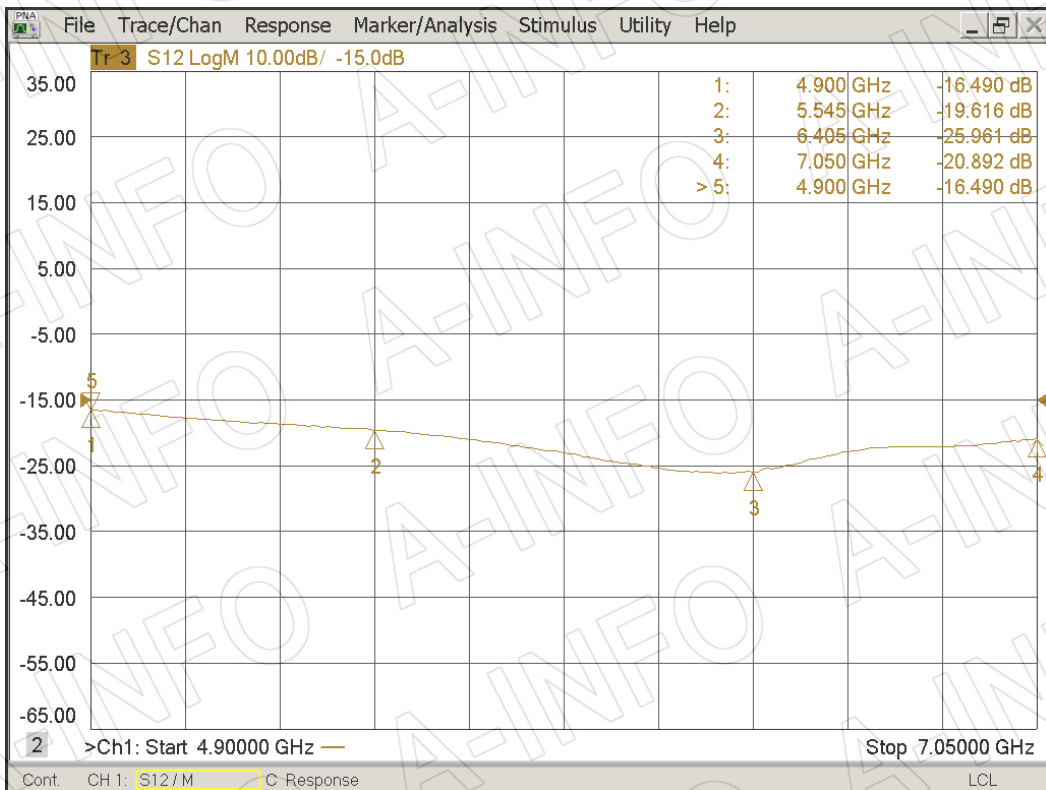
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

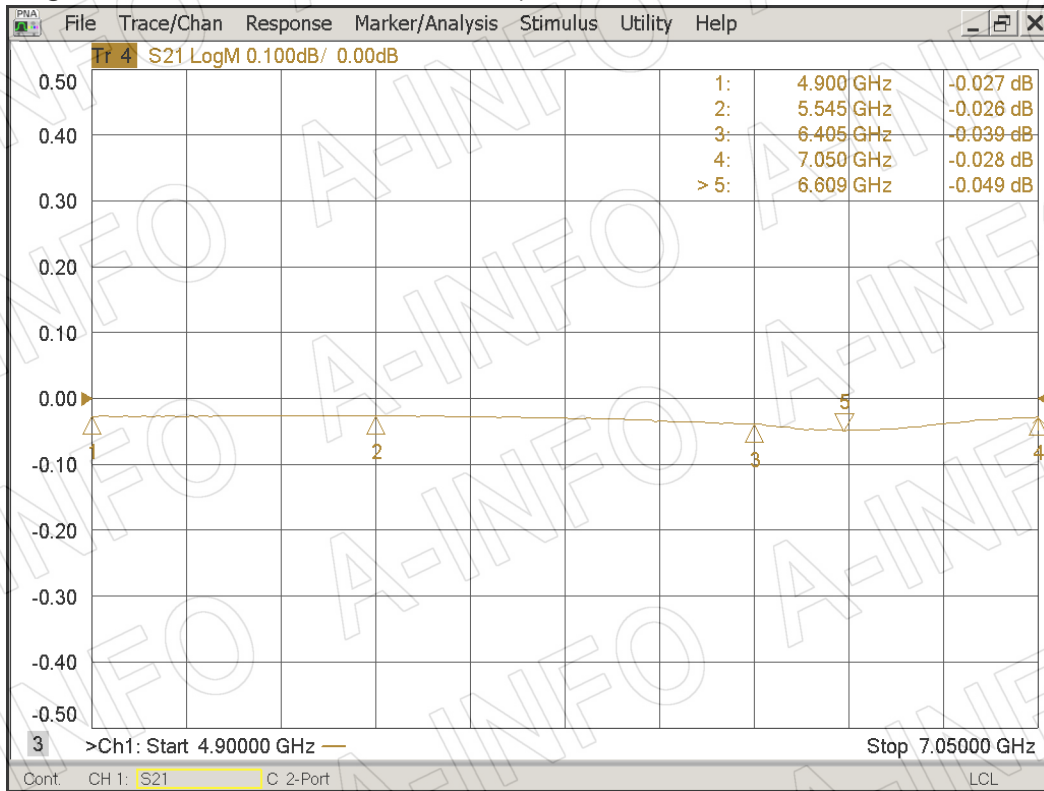
### Coupling



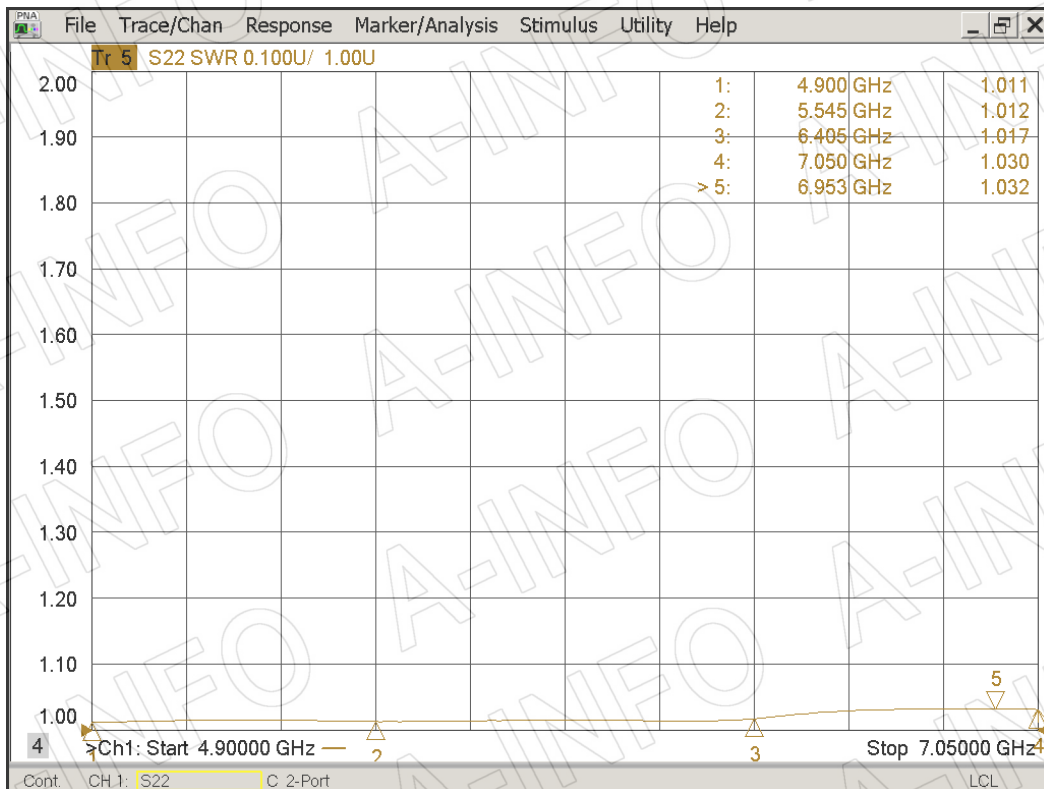
### Directivity



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



Mainline VSWR



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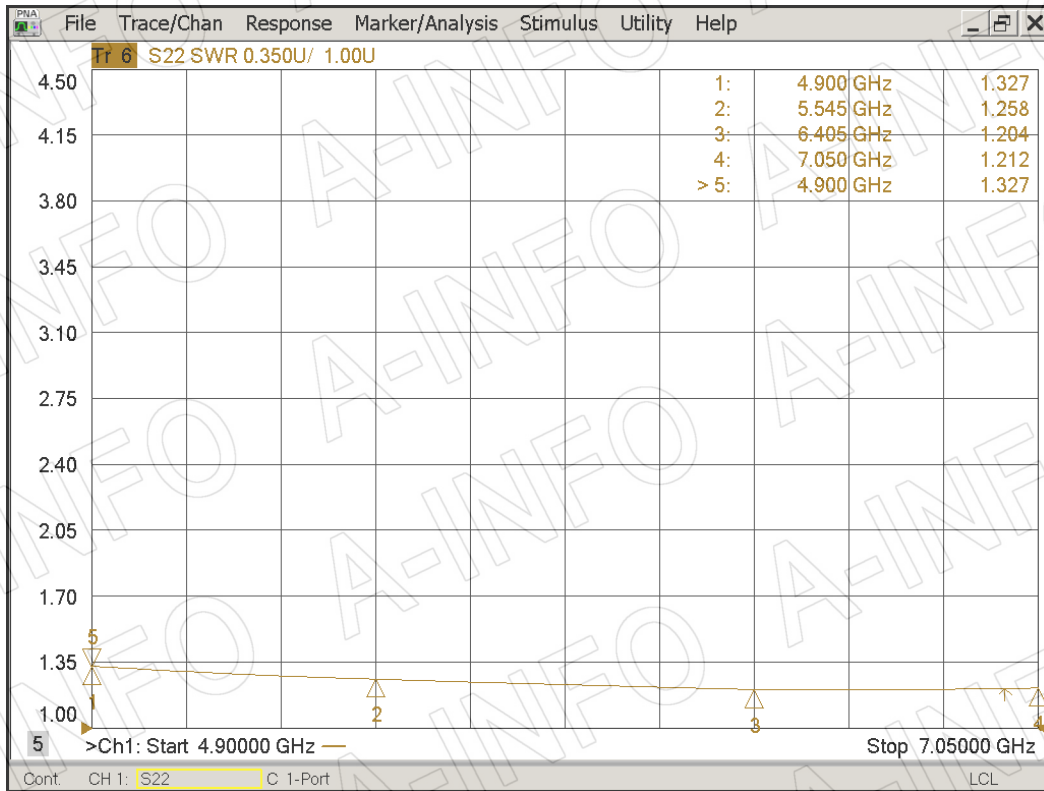
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## Secondline VSWR



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