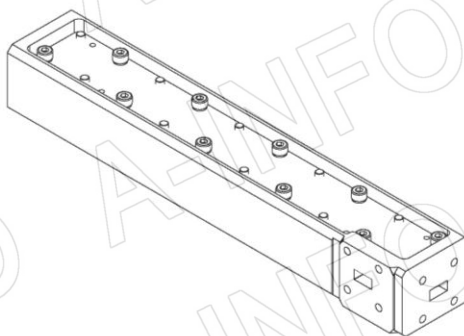
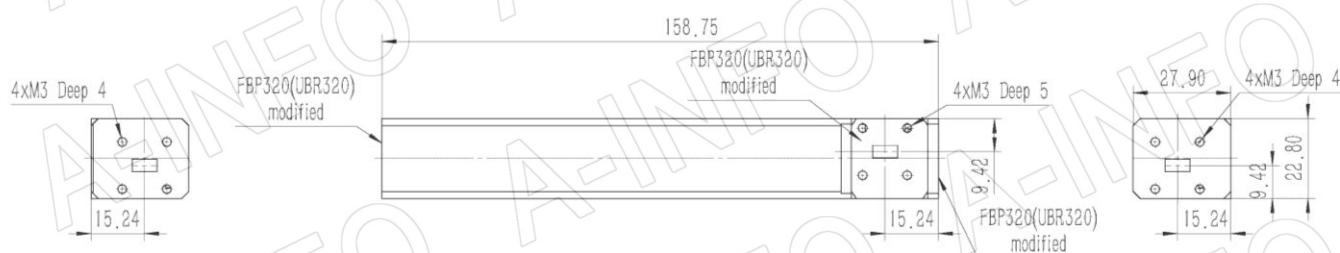


## Technical Specification



|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| EIA WR                | WR28                                                                      |
| Frequency Range(GHz)  | 26.5 – 40.0                                                               |
| Coupling(dB)          | 30                                                                        |
| Coupling Accuracy(dB) | ±1.0 Max.                                                                 |
| Freq. Sensitivity(dB) | ±0.9 Max.                                                                 |
| Directivity(dB)       | 30 Min.                                                                   |
| Insertion Loss(dB)    | 0.3 Max.<br>(Not including the theoretical loss $4.35 \times 10^{-3}$ dB) |
| Mainline VSWR         | 1.10:1 Max.                                                               |
| Secondline VSWR       | 1.15:1 Max.                                                               |
| Flange                | FBP320(UBR320)                                                            |
| Material              | Cu                                                                        |
| Size(mm)              | 158.75 x 27.9 x 22.8                                                      |
| Net Weight(Kg)        | 0.53 Around                                                               |

## Outline Drawing (Size: mm)



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China(Beijing):  
China(Chengdu):  
USA :

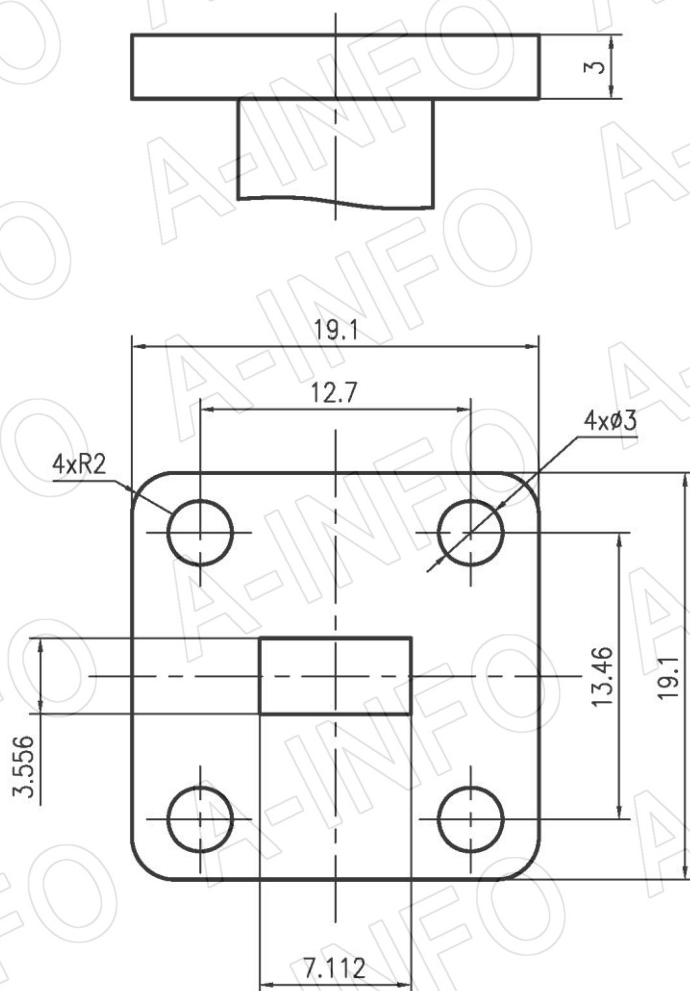
Tel: (+86) 10-6266-7326,  
Tel: (+86) 28-8519-2786,  
Tel: (+1) 949-639-9688,

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

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)



**FBP320**

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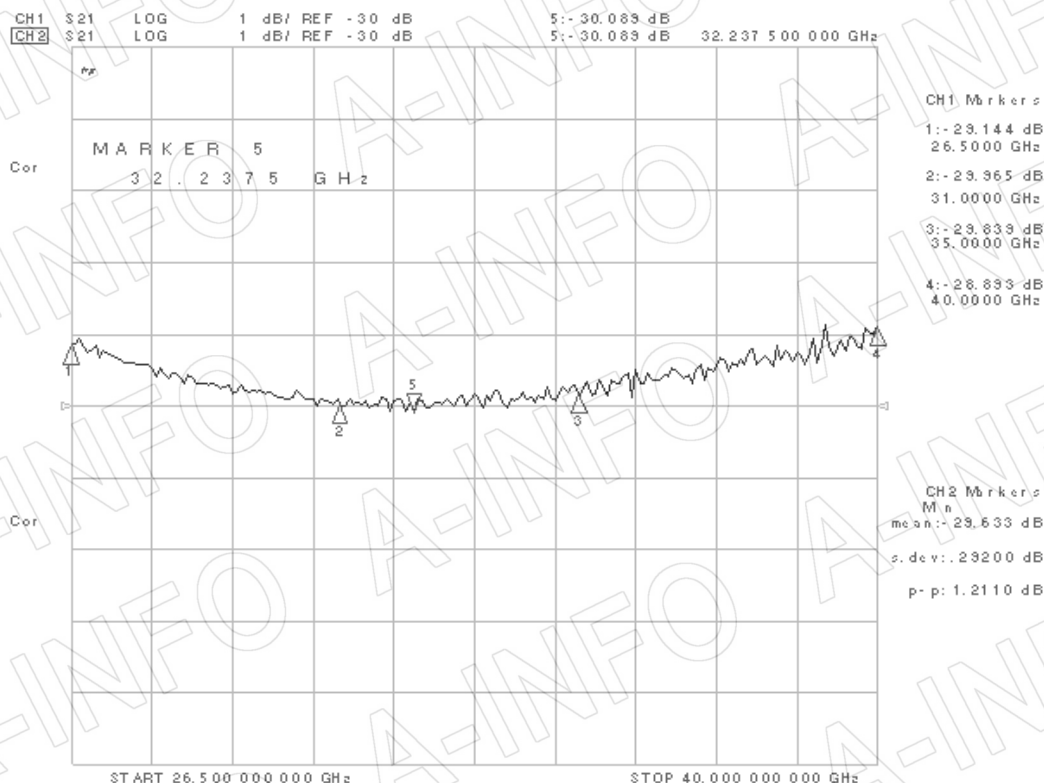
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379  
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(+1) 949-639-9608 Fax: (+1) 949-639-9670

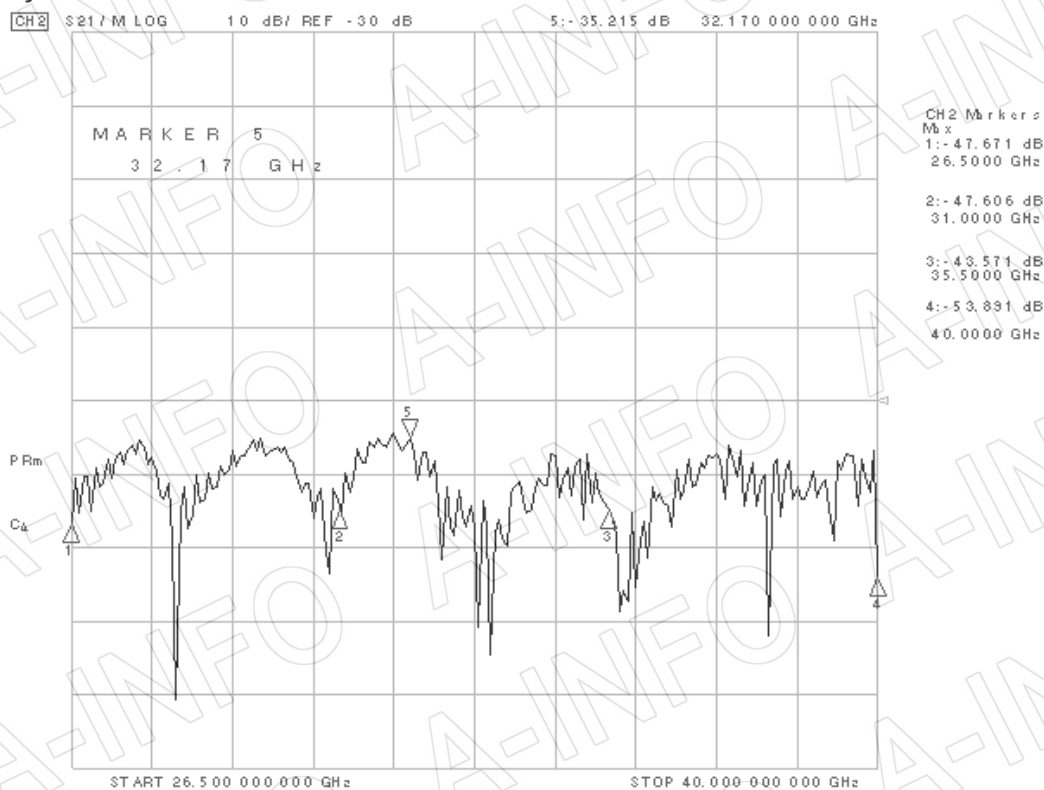
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

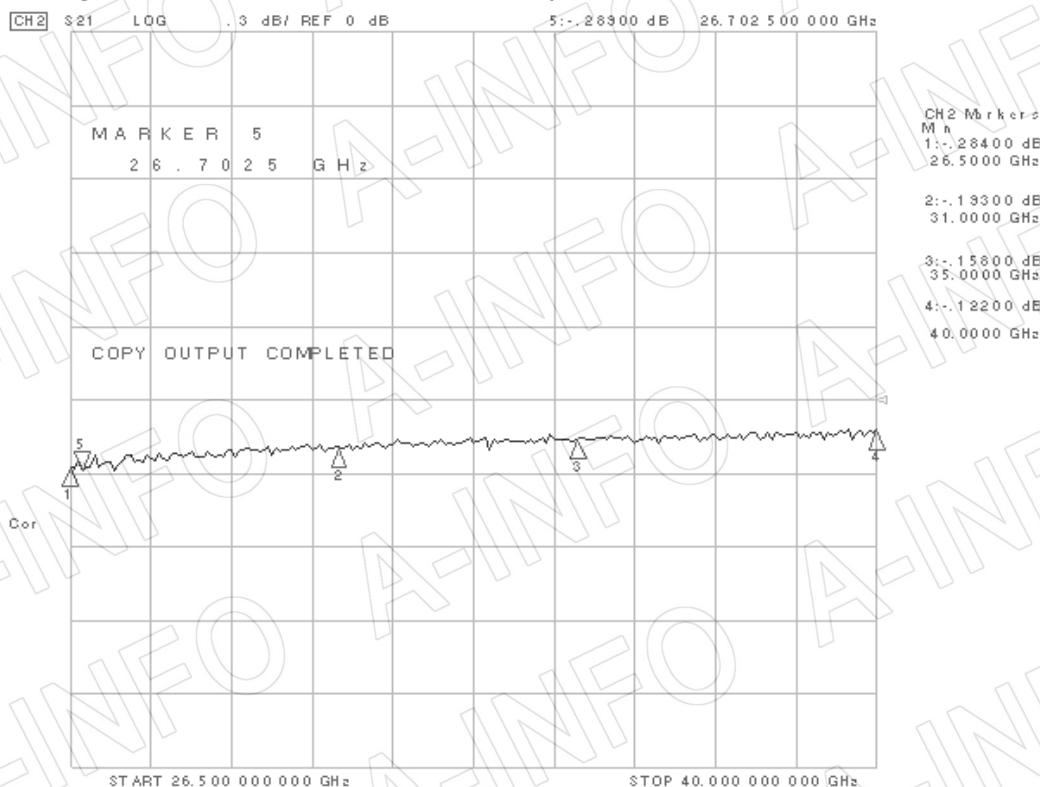
### Coupling



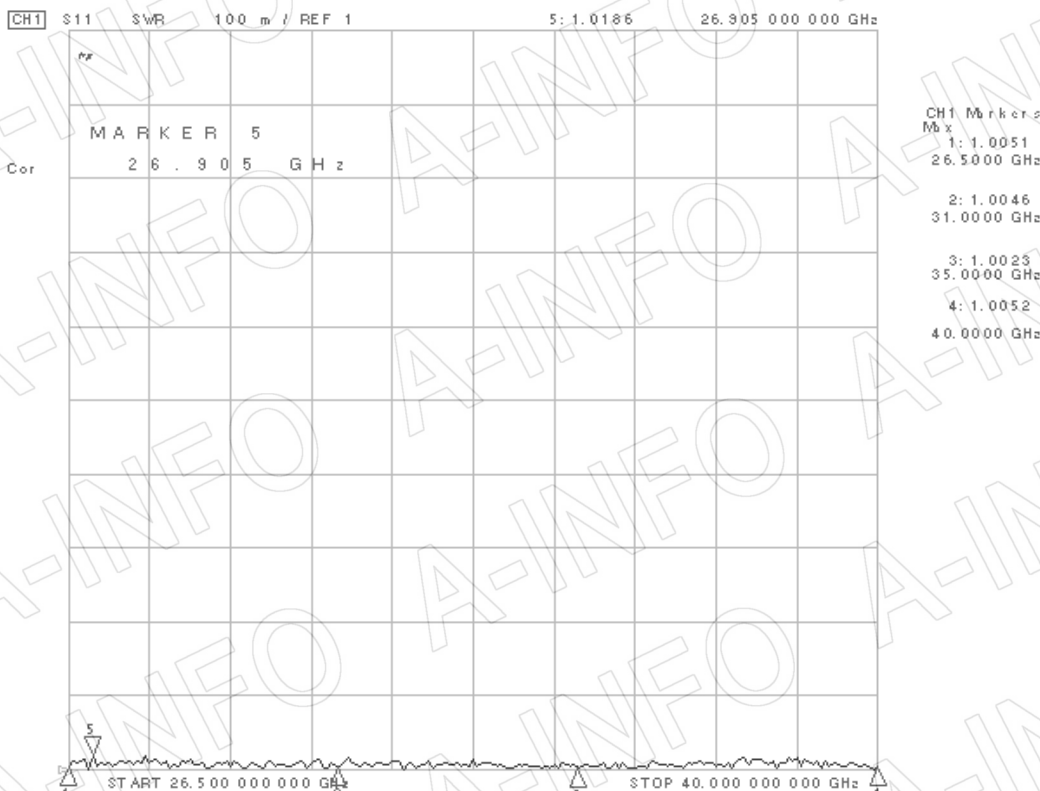
### Directivity



I.L. (Including the theoretical loss  $4.35 \times 10^{-3}$  dB)



Mainline VSWR



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China(Chengdu):  
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

Fax: (+86) 10-6266-7379  
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## Secondline VSWR

