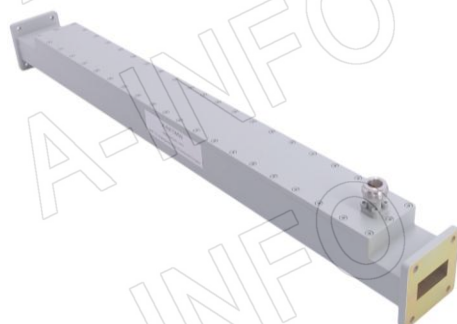


Technical Specification

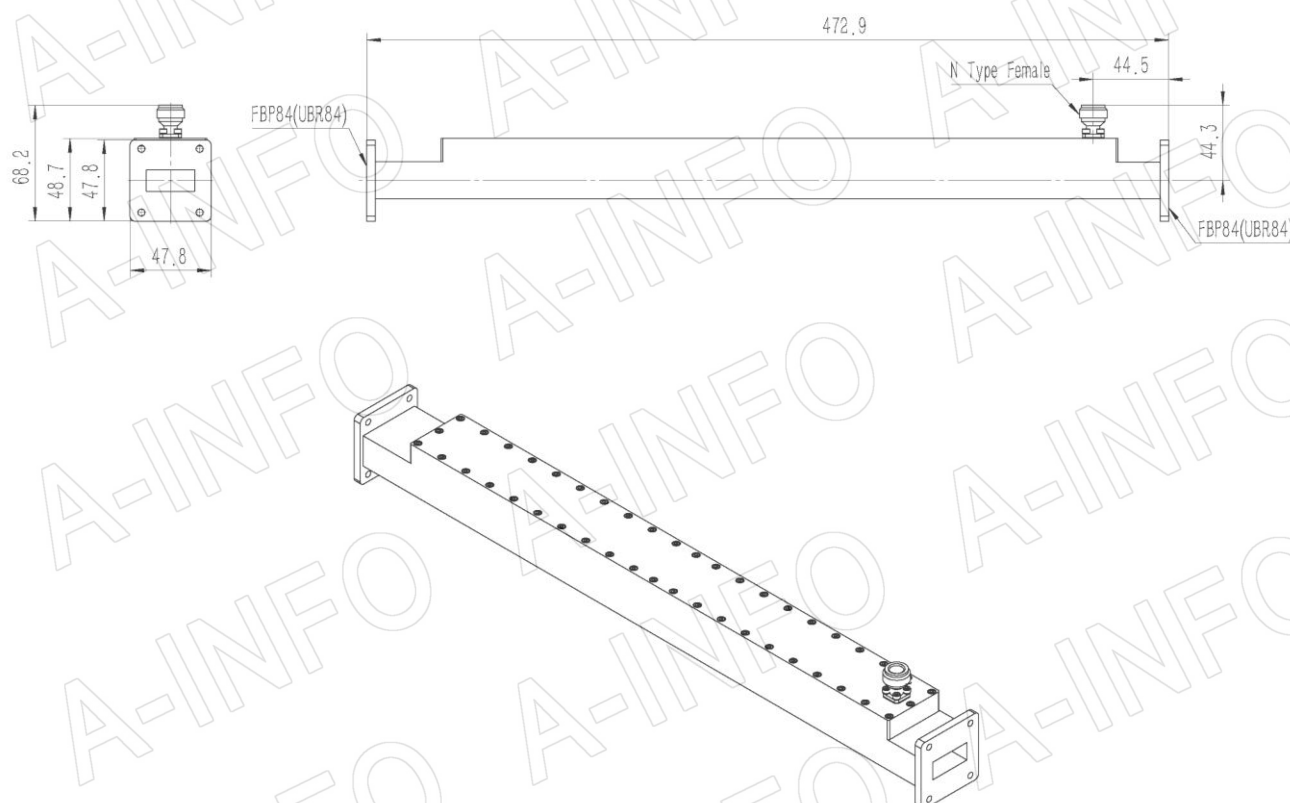


EIA WR	WR112
Frequency Range(GHz)	7.05 - 10.0
Coupling(dB)	40
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.2 Max. (Not including the theoretical loss 4.34×10^{-4} dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP84(UBR84)
Coupling Port	N-Female/ N-Male
Material	Al
Size(mm)	472.9 x 47.8 x 68.2
Net Weight(Kg)	1.10 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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Page 1 of 5

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

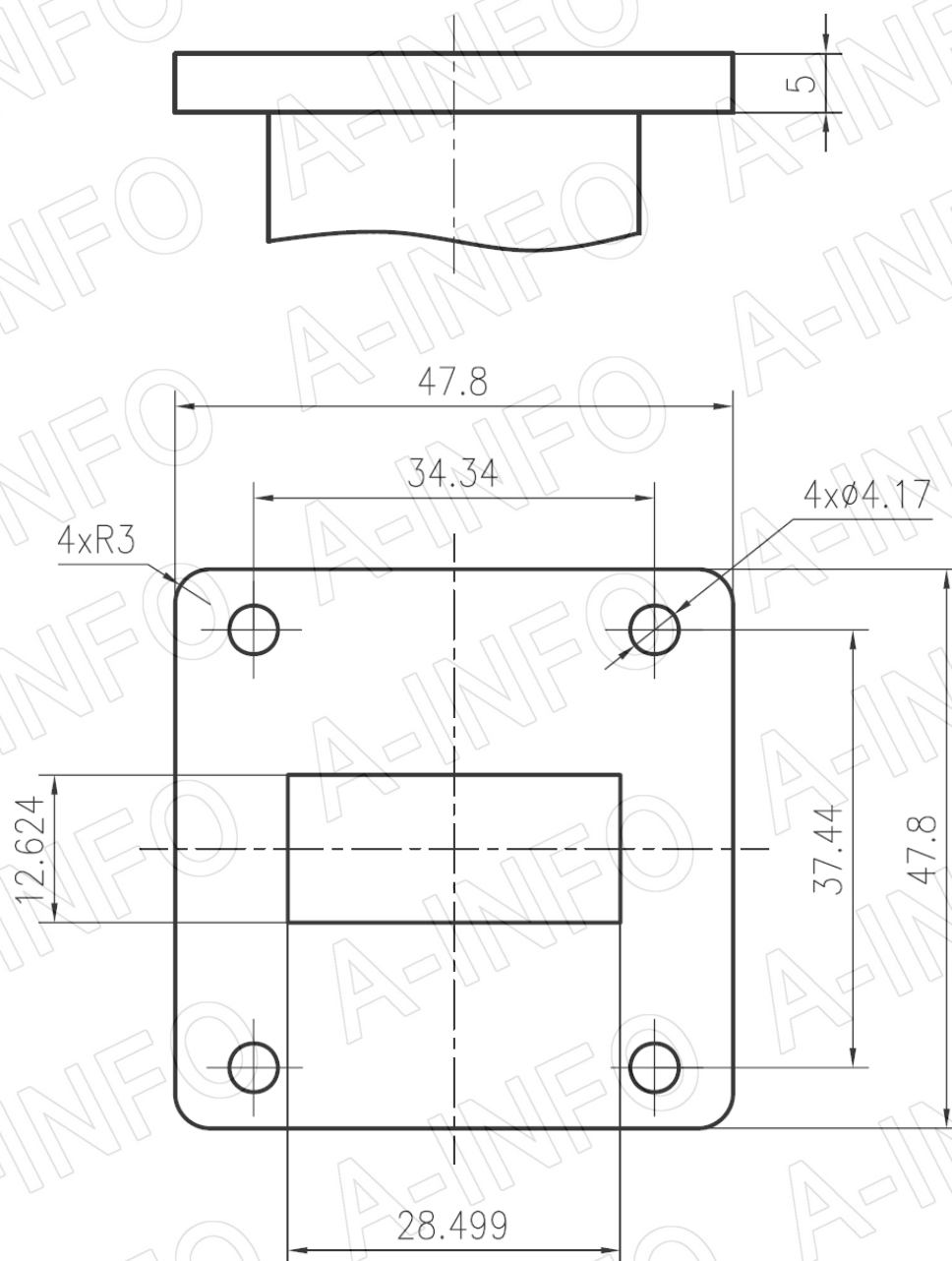
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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
Email: sales@ainfoinc.com

Flange Drawing (Size: mm)



FBP84

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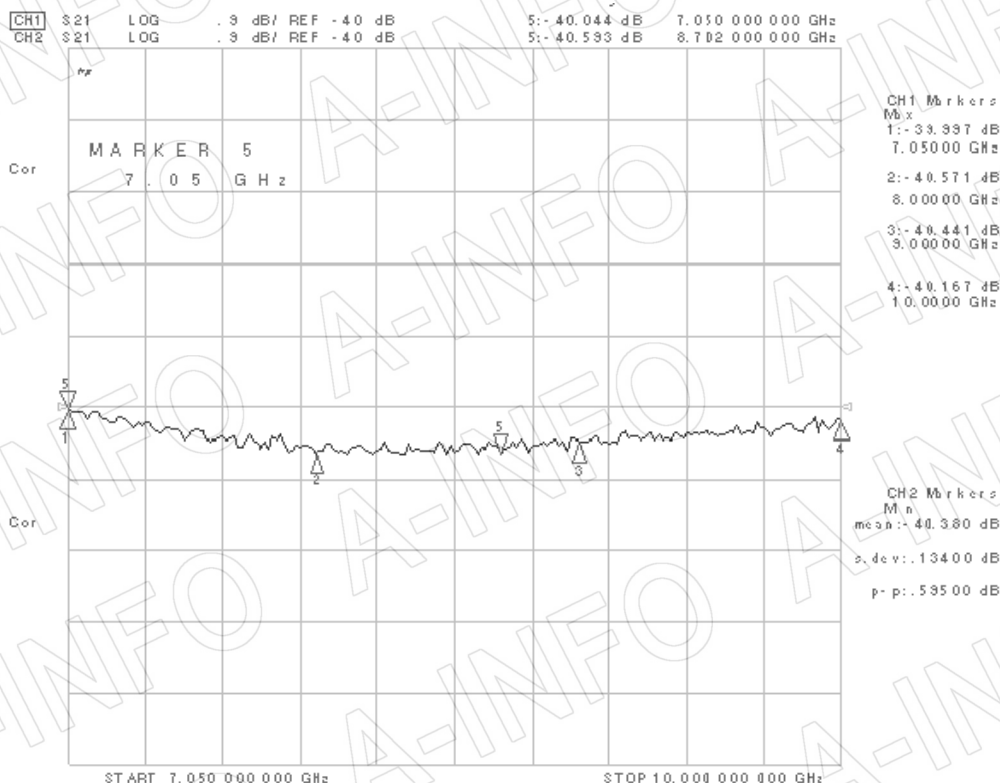
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

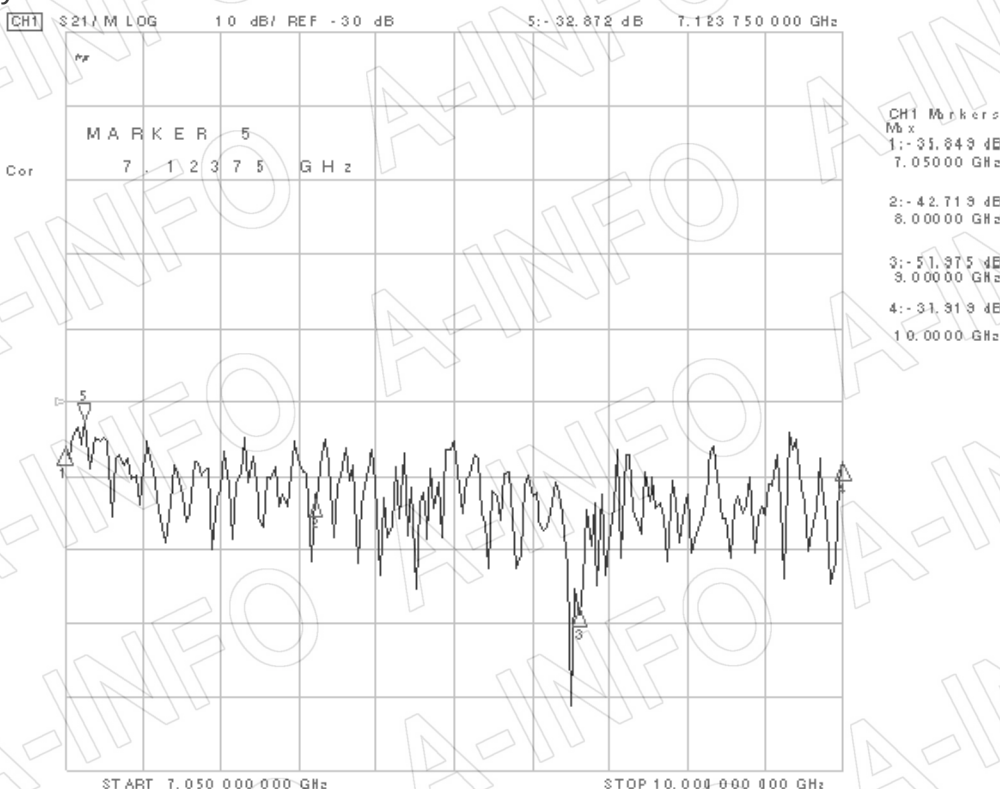
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Test Results

Coupling



Directivity



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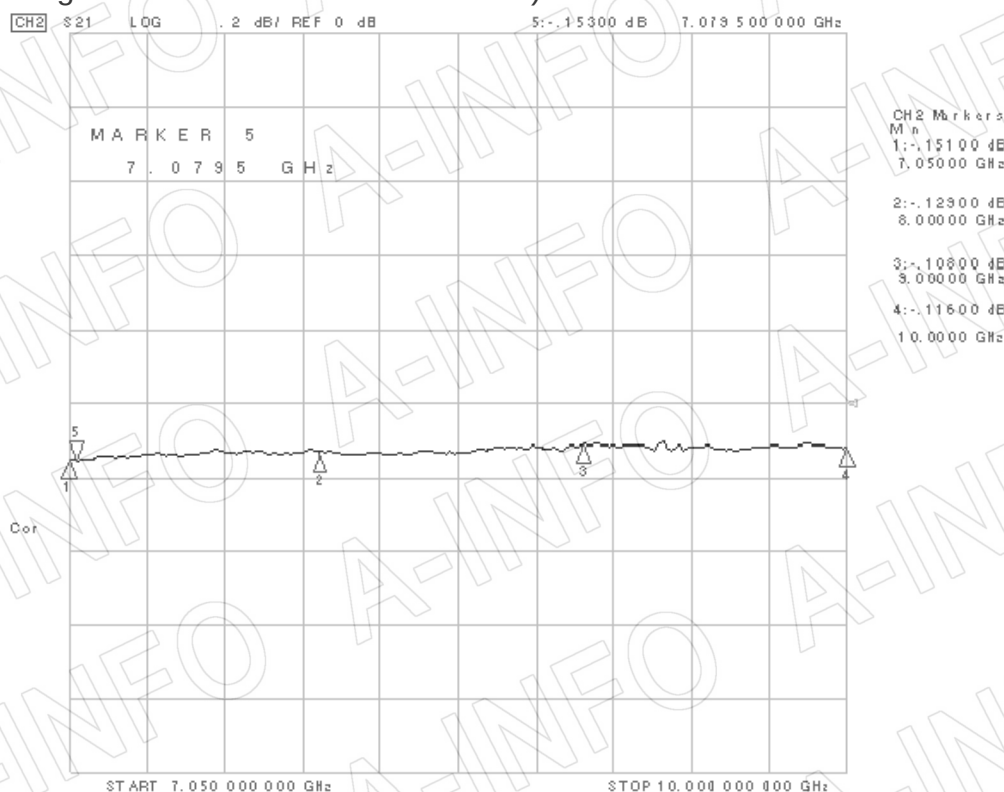
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Tel: (+1) 949-639-9688,

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

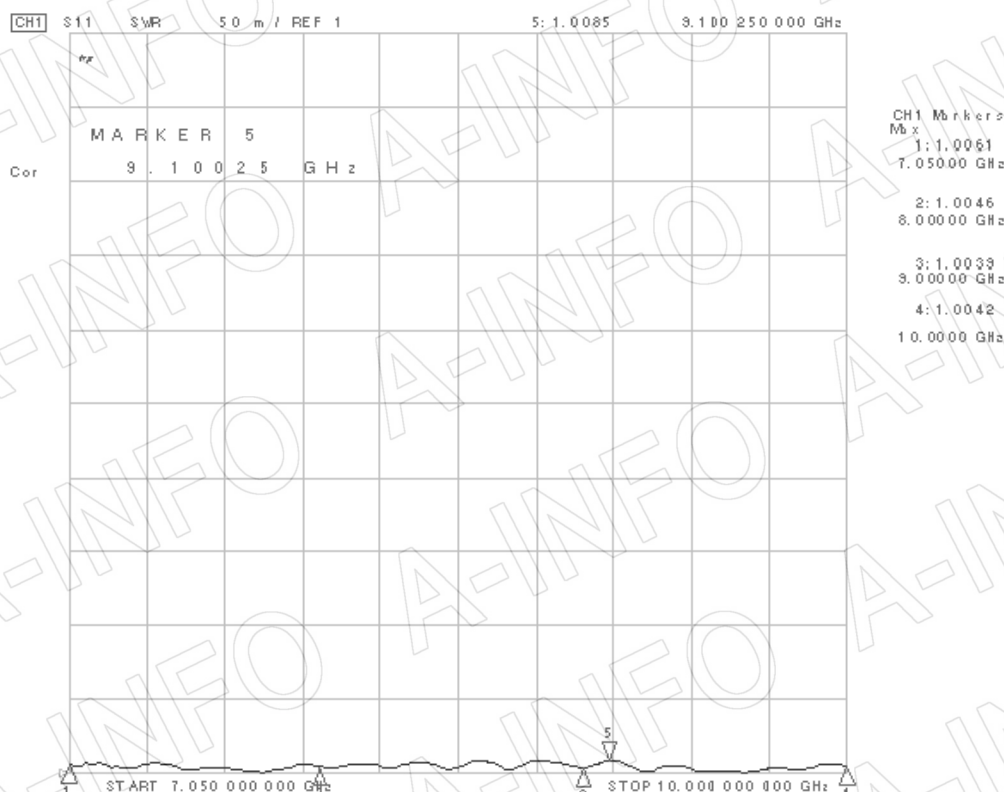
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Fax: (+86) 28-8519-3068
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I.L. (Including the theoretical loss 4.34×10^{-4} dB)



Mainline VSWR



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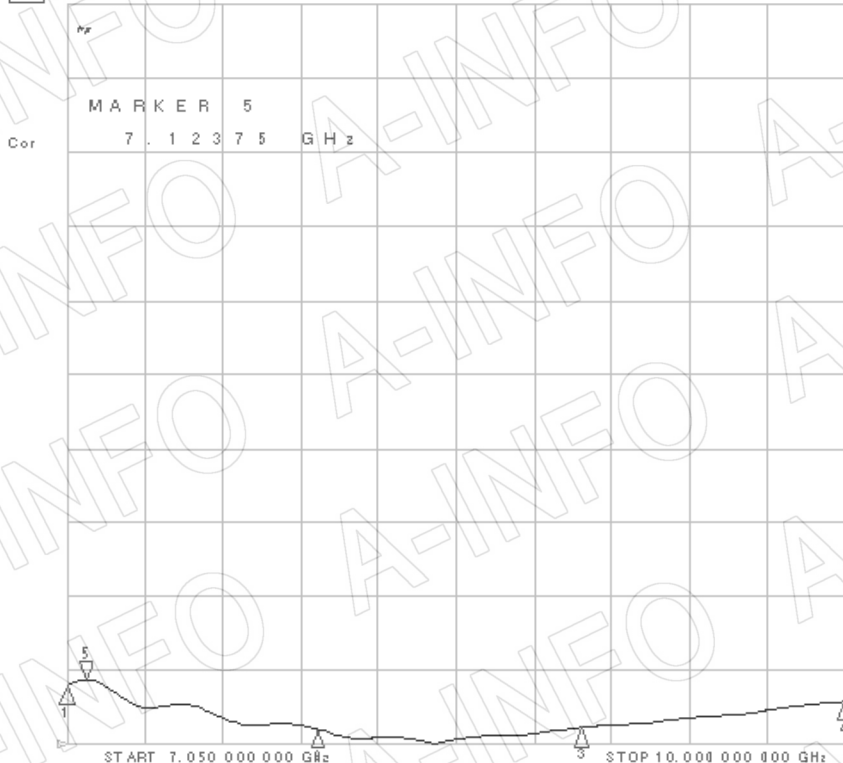
(+86) 10-6266-7327
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Secondline VSWR

CH1 S11 SWR 25.0 m / REF 1 5: 1.2178 7.123 7.50 0.00 GHz



CH1 Markers

Mx 1: 1.1334

7.05000 GHz

2: 1.0508

8.00000 GHz

3: 1.0575

9.00000 GHz

4: 1.1453

10.00000 GHz