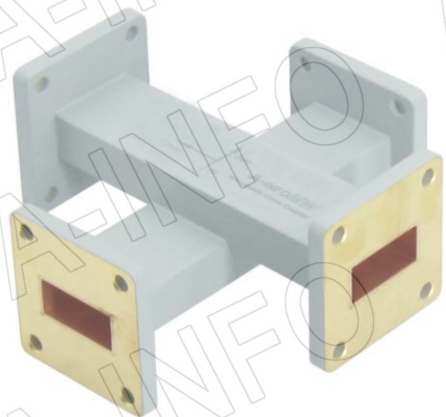


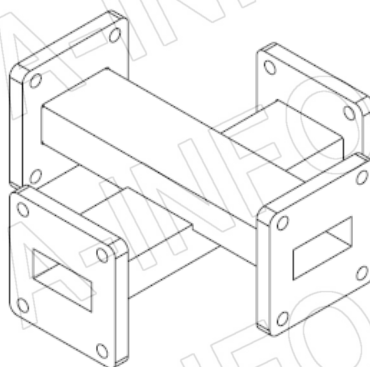
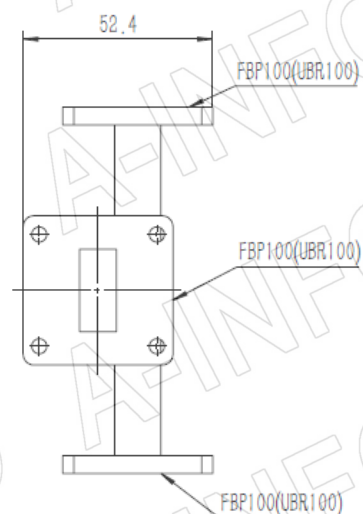
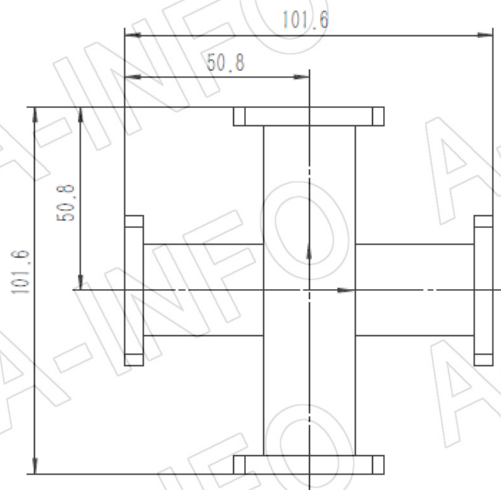
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR90
Frequency Range(GHz)	8.2 – 12.4
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. (Not including the theoretical loss 4.34×10^{-6} dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.05:1 Max.
Flange	FBP100(UBR100)
Material	Cu
Size(mm)	101.6 x 101.6 x 52.4
Net Weight(Kg)	0.37 Around

Outline Drawing (Size: mm)



AINFO Inc.

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

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

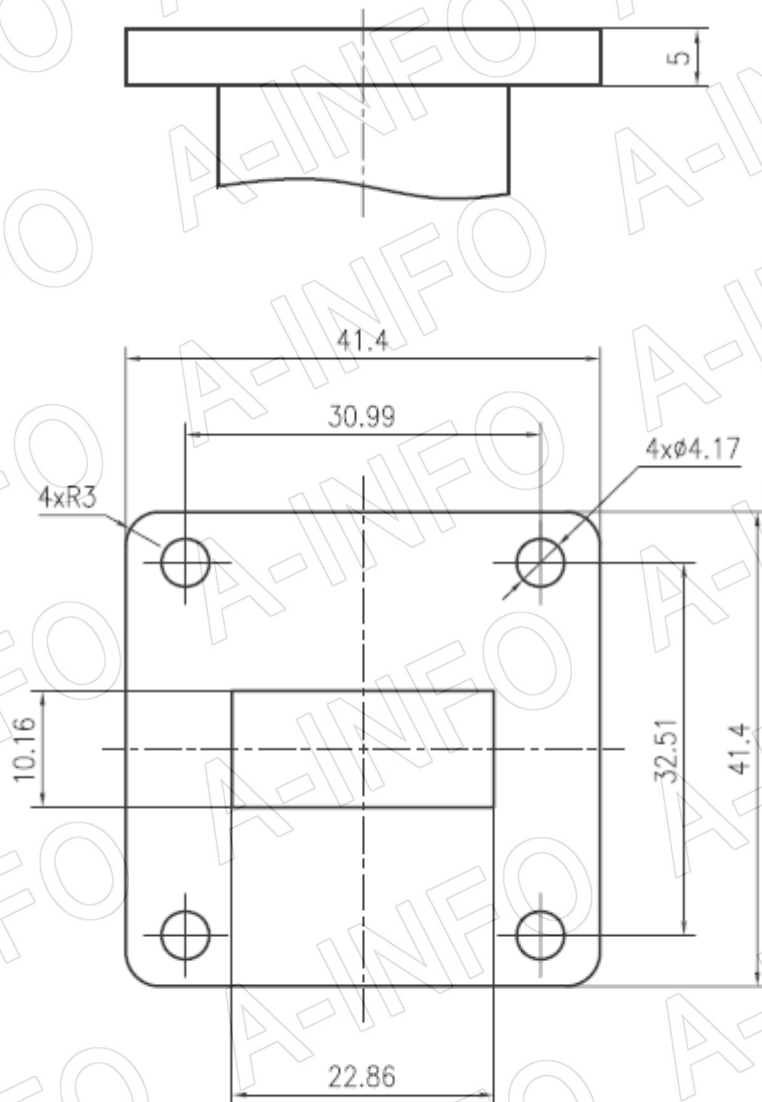
Page 1 of 5

(+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

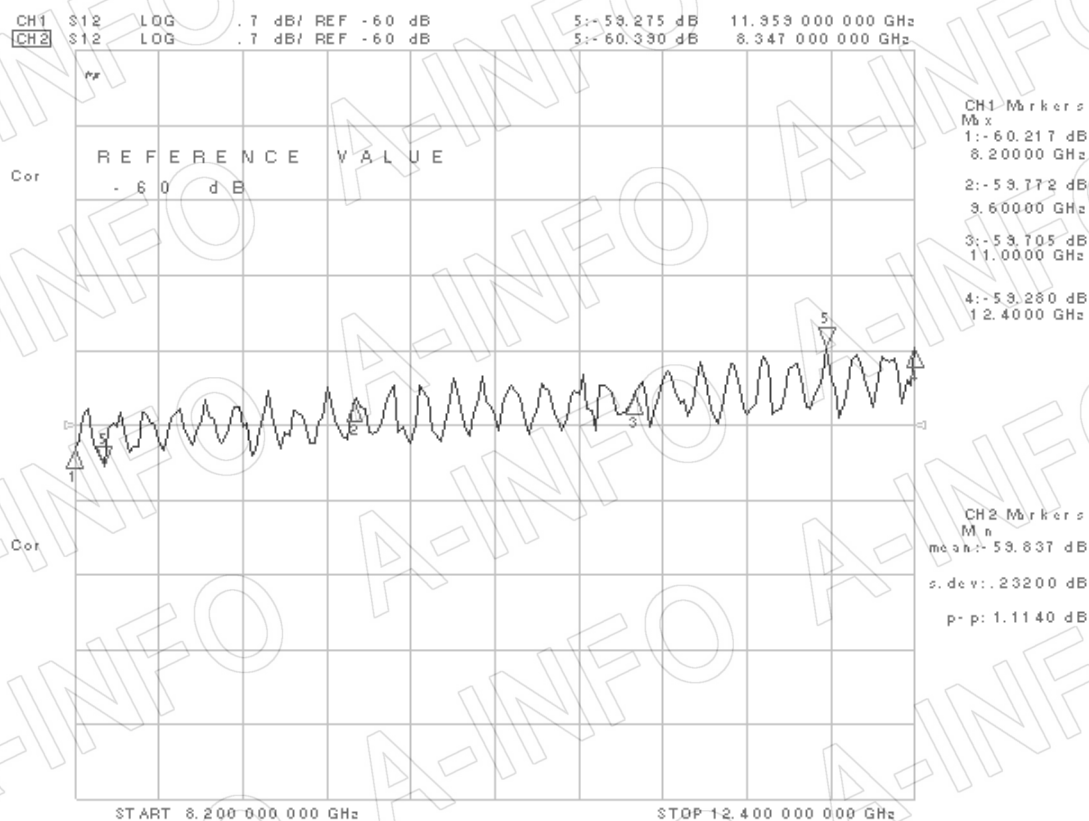
Flange Drawing (Size: mm)



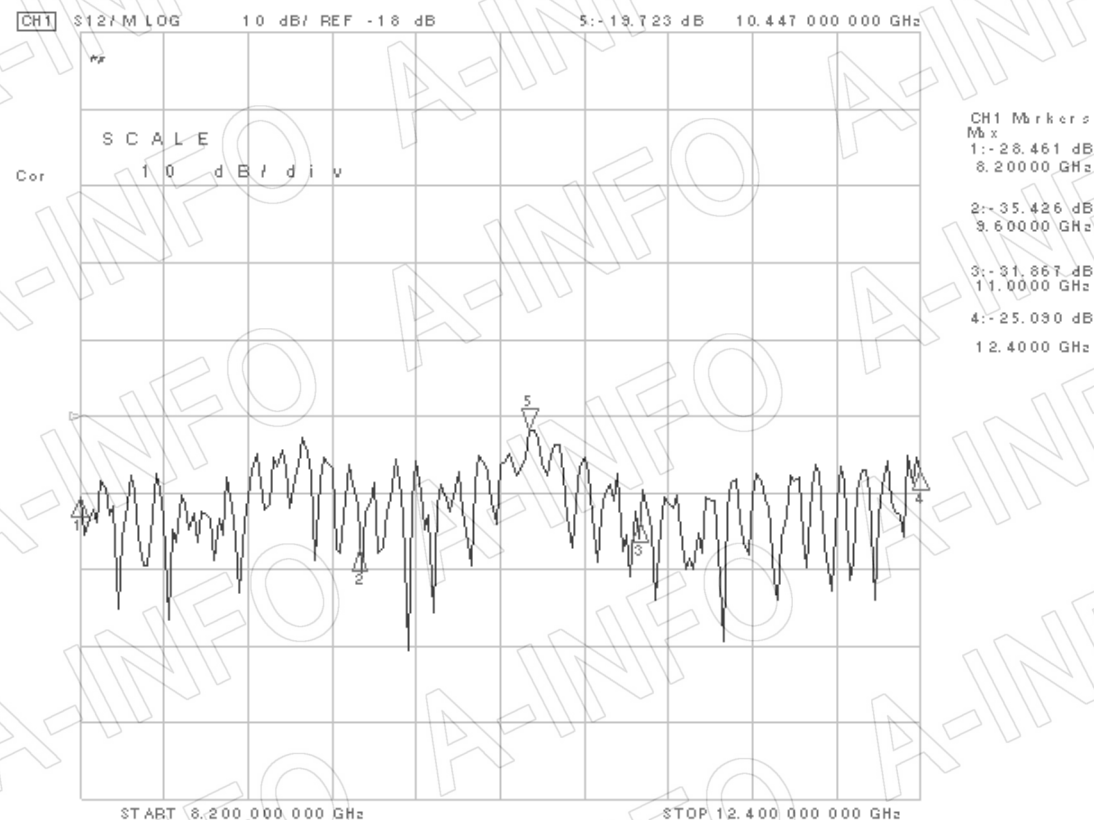
FBP100

Test Results

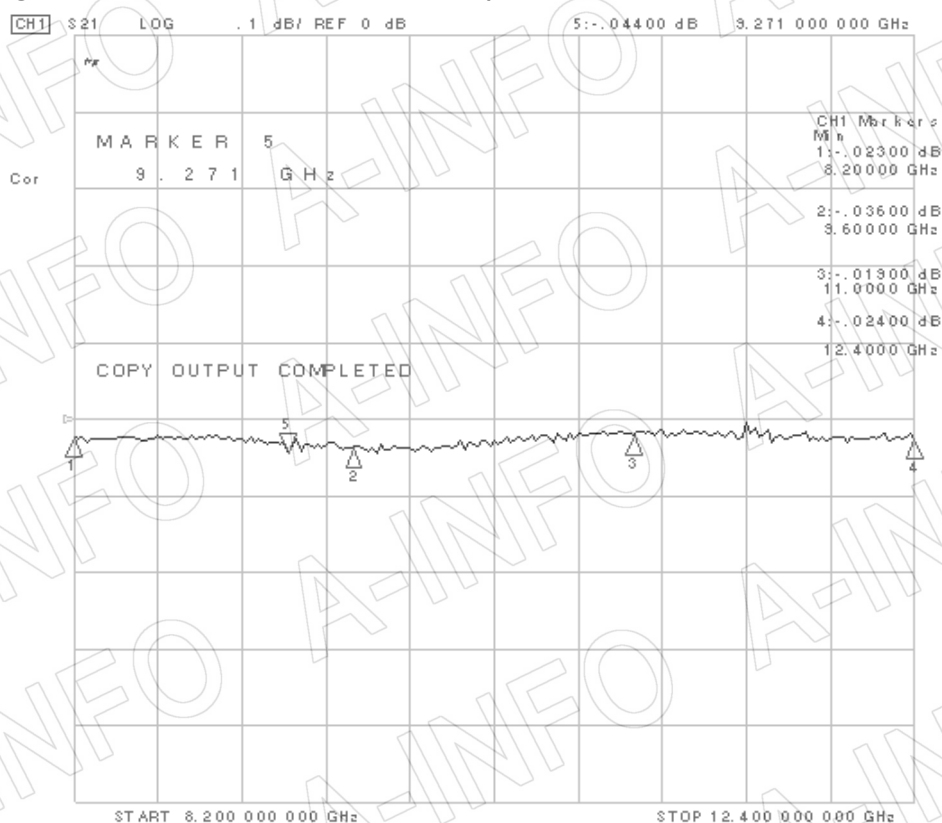
Coupling



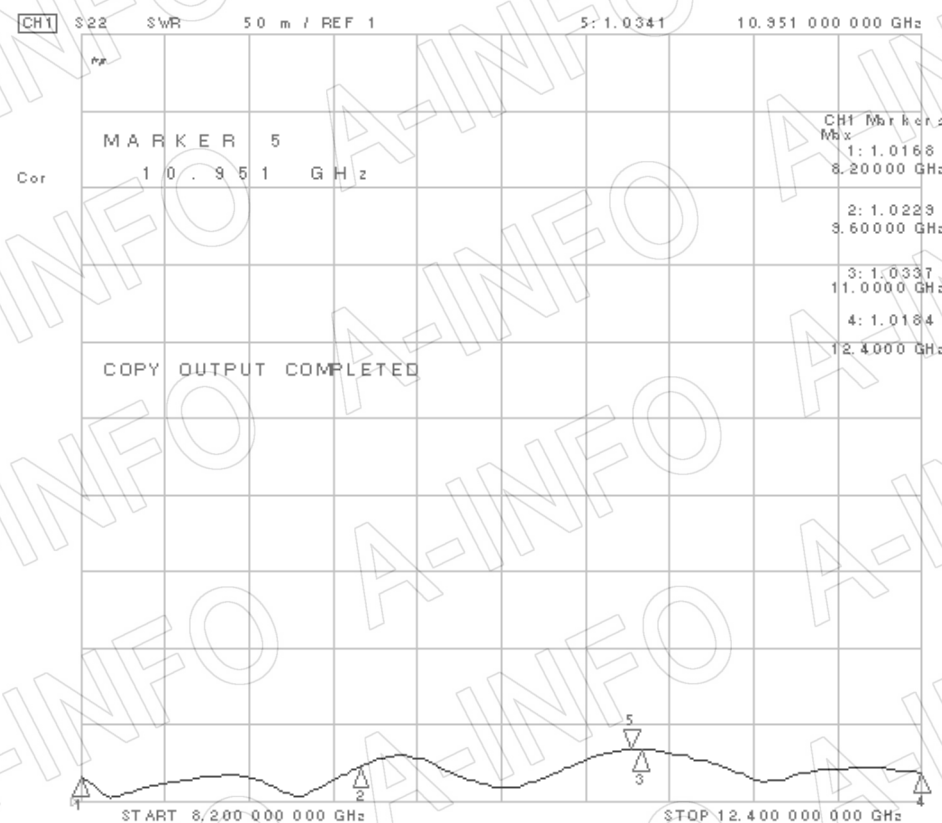
Directivity



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



Mainline VSWR



AINFO Inc.

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

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

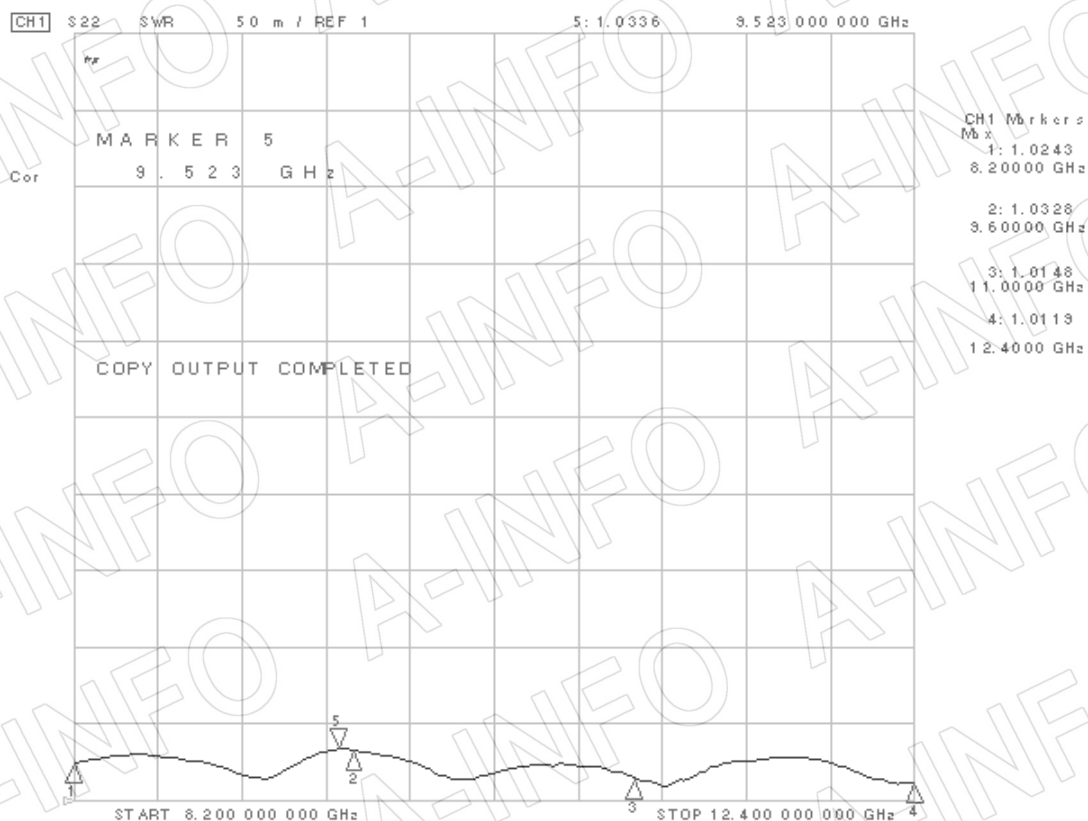
Page 4 of 5

(+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

Secondline VSWR



AINFO Inc.

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

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

Page 5 of 5

(+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