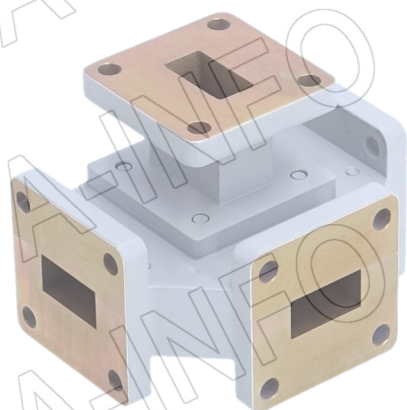


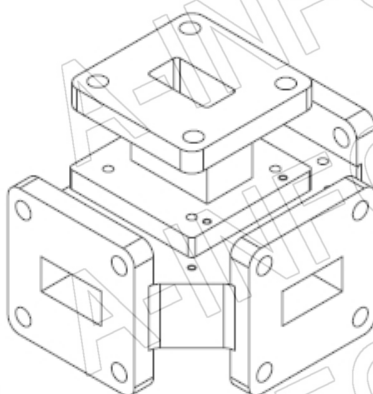
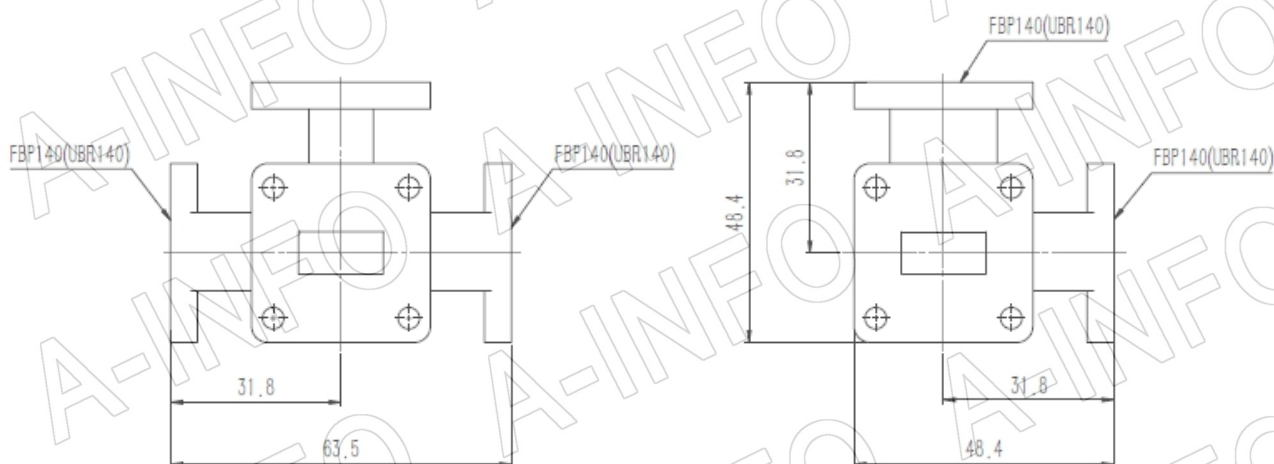
For reference only. See data sheet for the detailed specifications.

Technical Specification



Waveguide	WR62
Frequency Range(GHz)	12.4 – 18.0
Band Width	FULL
Isolation(dB)	30 Min.
Unbalance(dB)	±0.4 Max.
Insertion Loss(dB)	0.6 Max. (Not including the theoretical loss 3.0dB)
VSWR H-Plane	1.30:1 Typ.
VSWR E-Plane	1.50:1 Typ.
Flange Type	FBP140(UBR140)
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	63.5 x 48.4 x 48.4
Net Weight(Kg)	0.12 Around

Outline Drawing (Size: mm)



AINFO Inc.

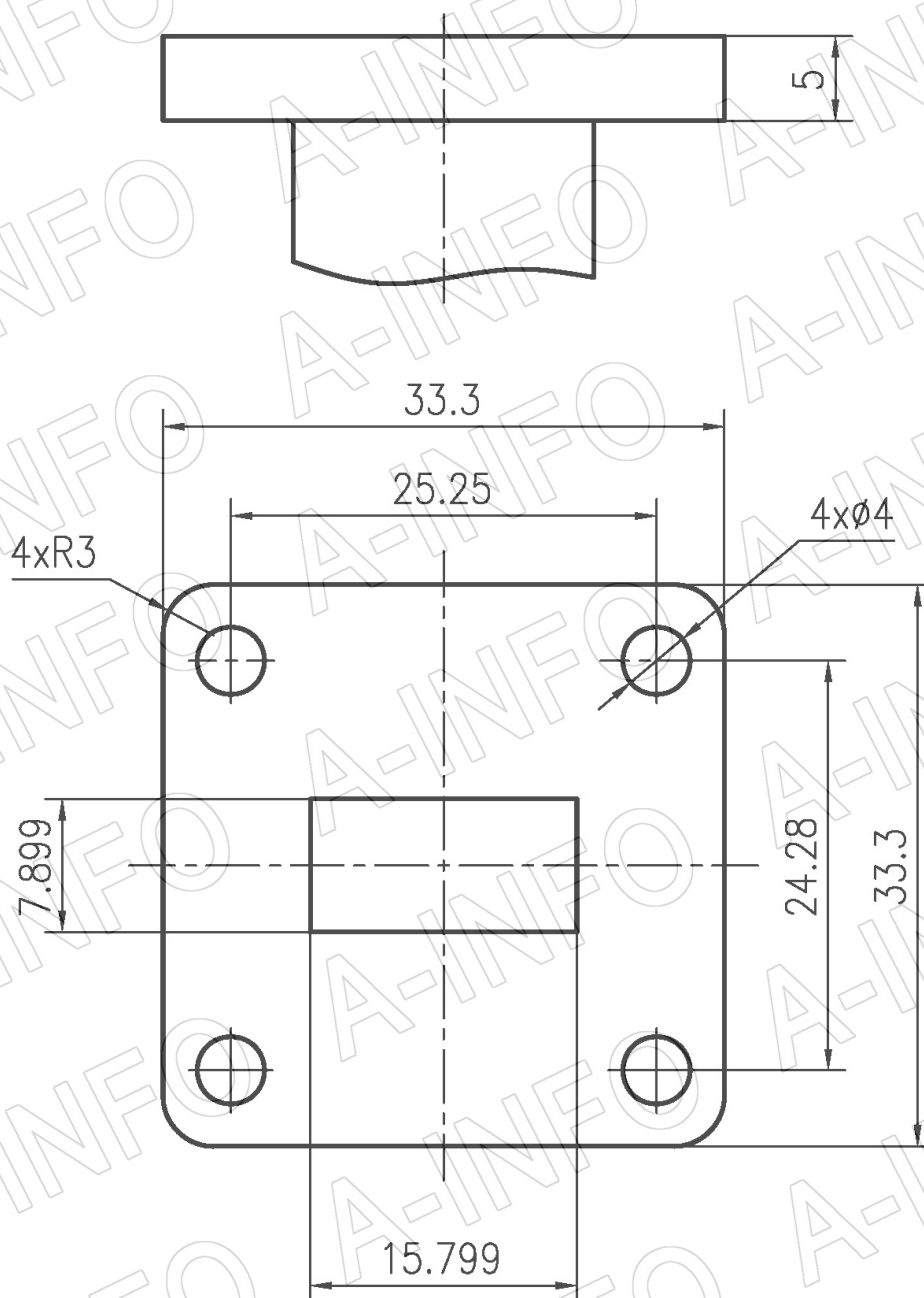
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

Page 1 of 6

(+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
Email: sales@ainfoinc.com

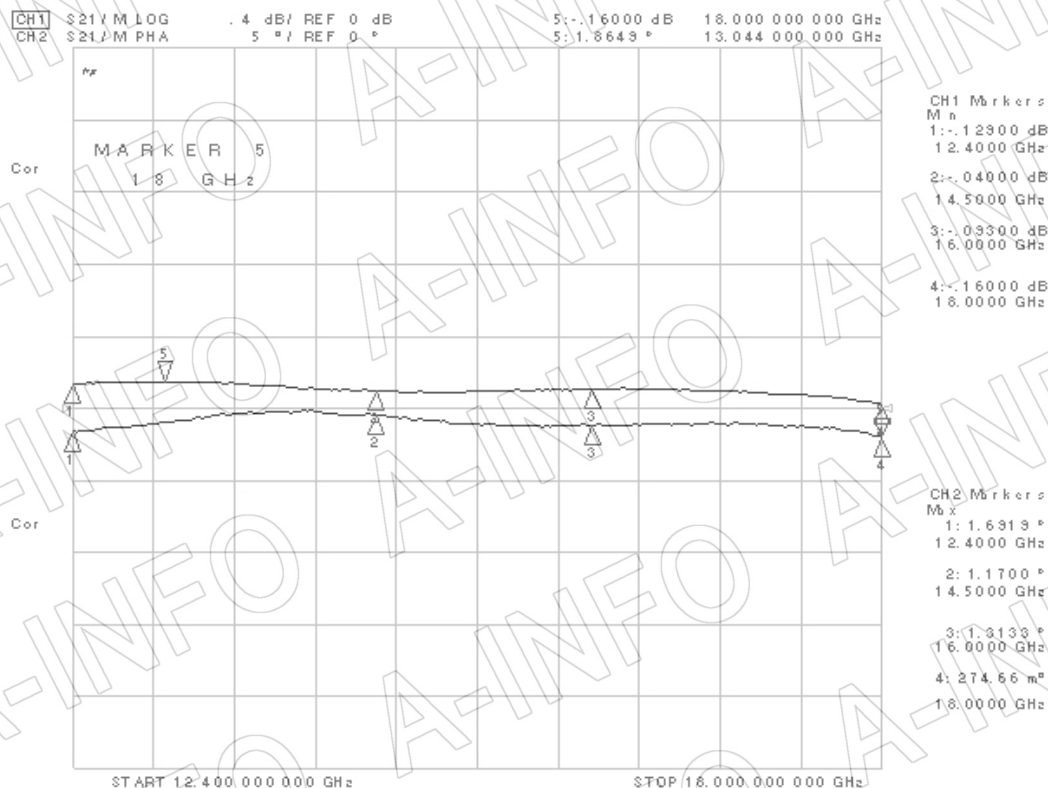
Flange Drawing (Size: mm)



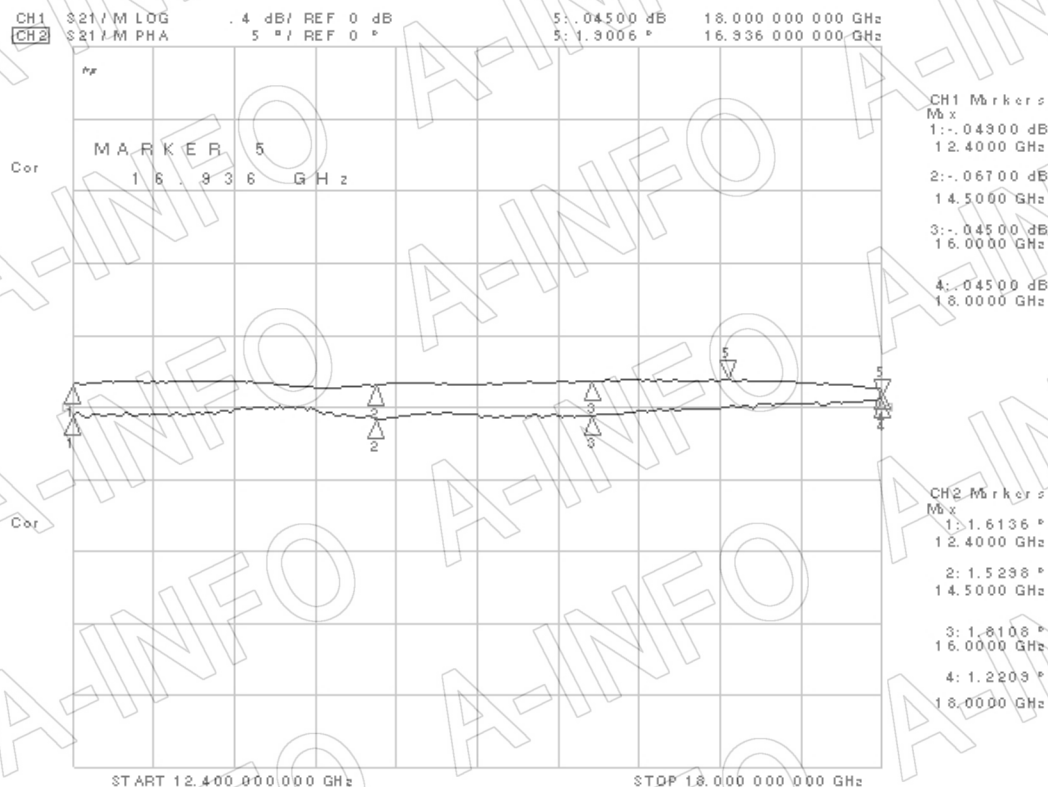
FBP140

Test Results

1. Unbalance E-Plane

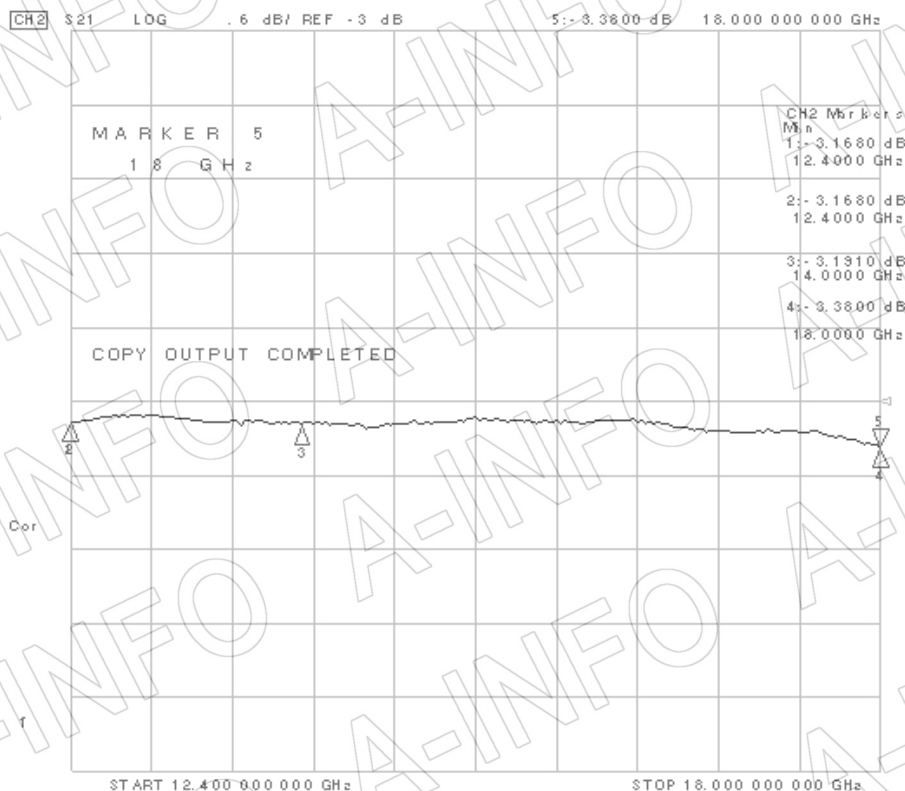


H-Plane

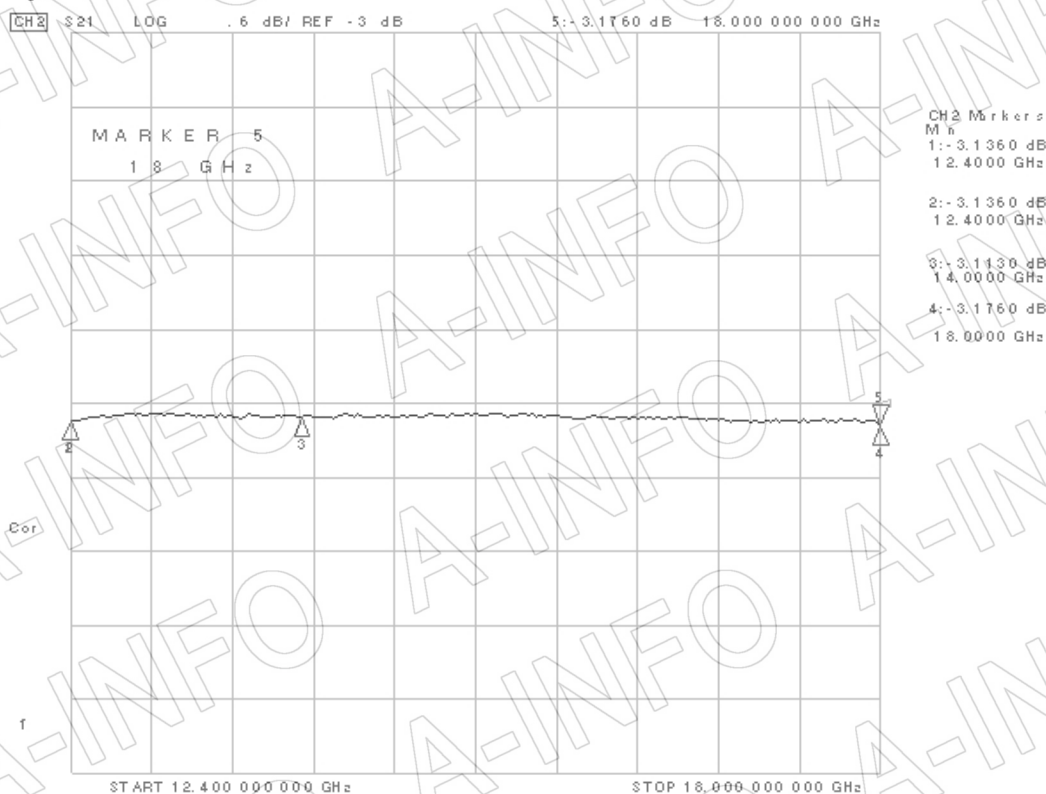


2. I.L.(Including the theoretical loss 3.0dB)

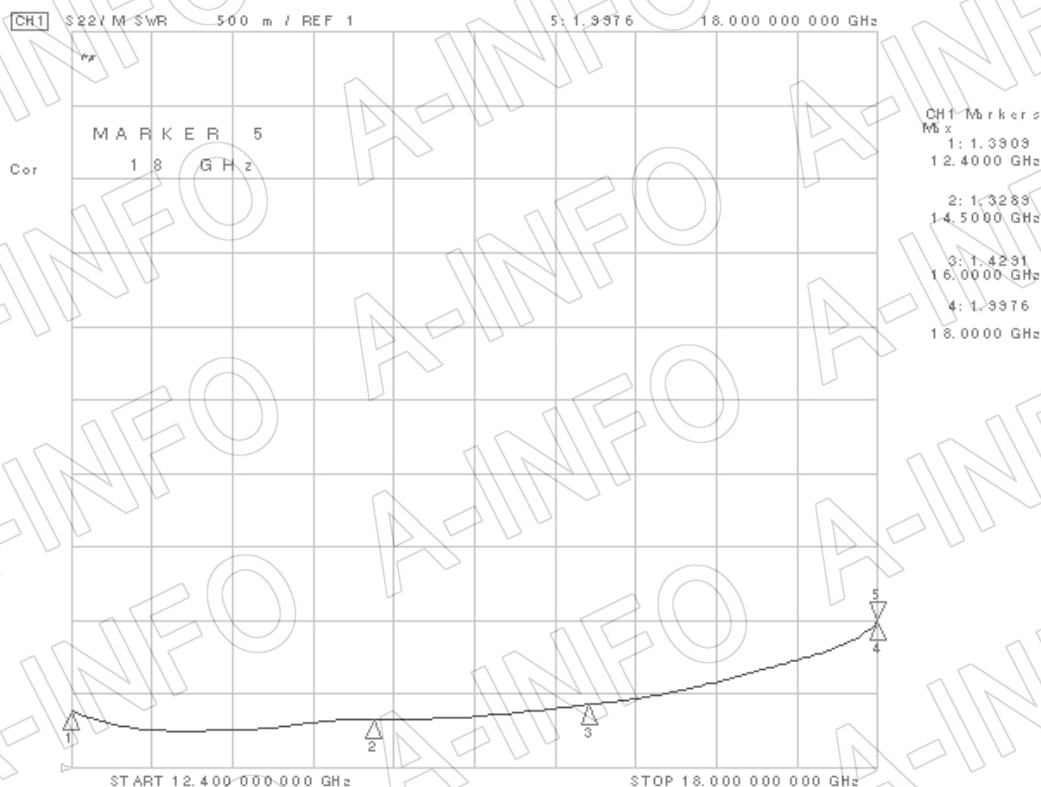
E-Plane



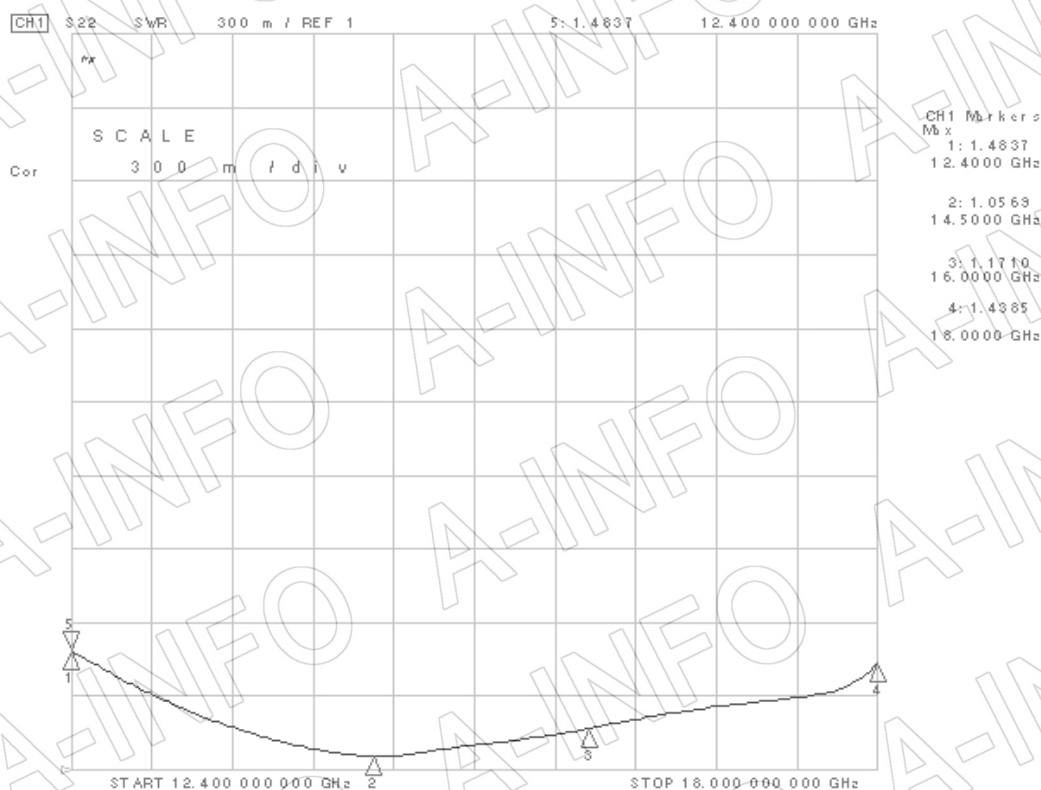
H-Plane



3. VSWR E-Plane



H-Plane



4. Isolation

