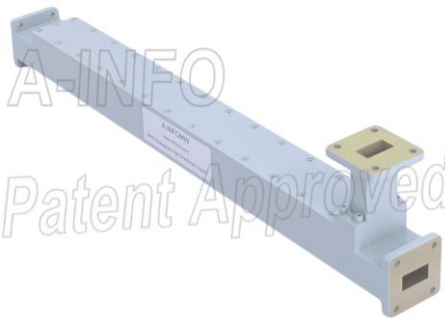


For reference only. See data sheet for the detailed specifications.

Technical Specification

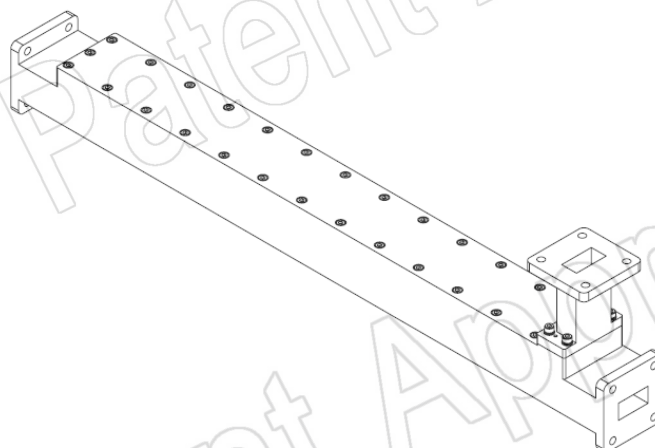


EIA WR	WR75
Frequency Range(GHz)	10.0 – 15.0
Coupling(dB)	30
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.3 Max. (Not including the theoretical loss 4.35×10^{-3} dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.15:1 Max.
Flange	FBP120(UBR120)
Material	Al
Size(mm)	381 x 38 x 82.5
Net Weight(Kg)	0.86 Around

PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)



AINFO Inc.

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

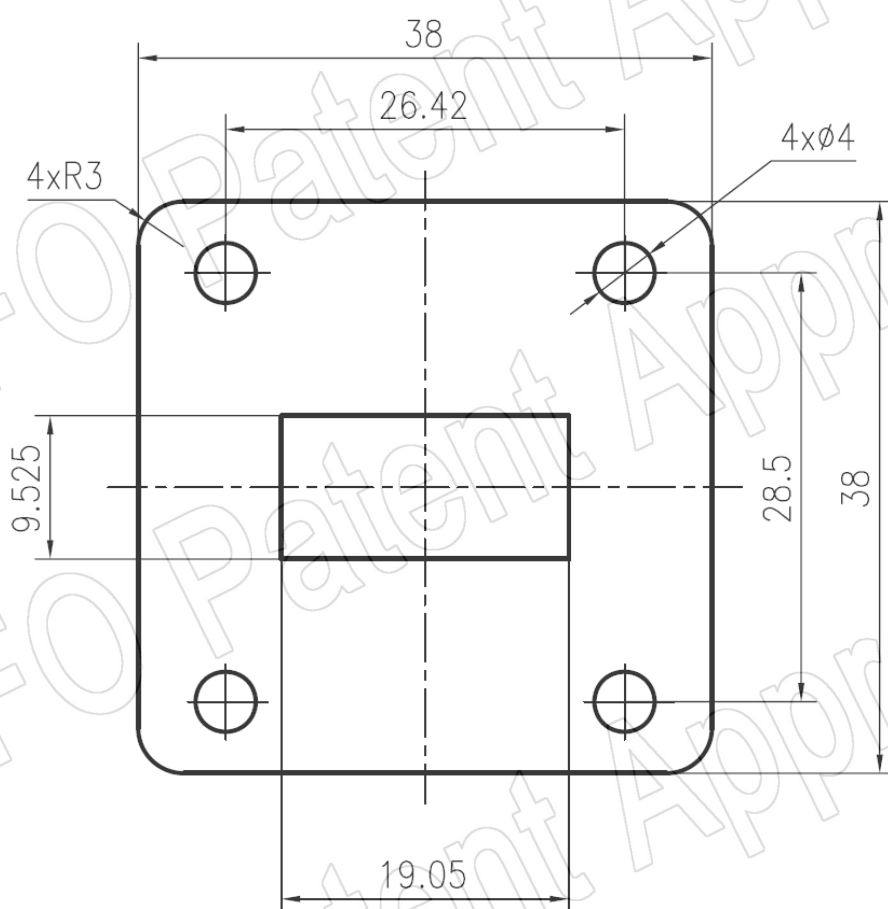
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
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(+86) 10-6266-7327
(+86) 28-8519-3044
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Fax: (+86) 28-8519-3068
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

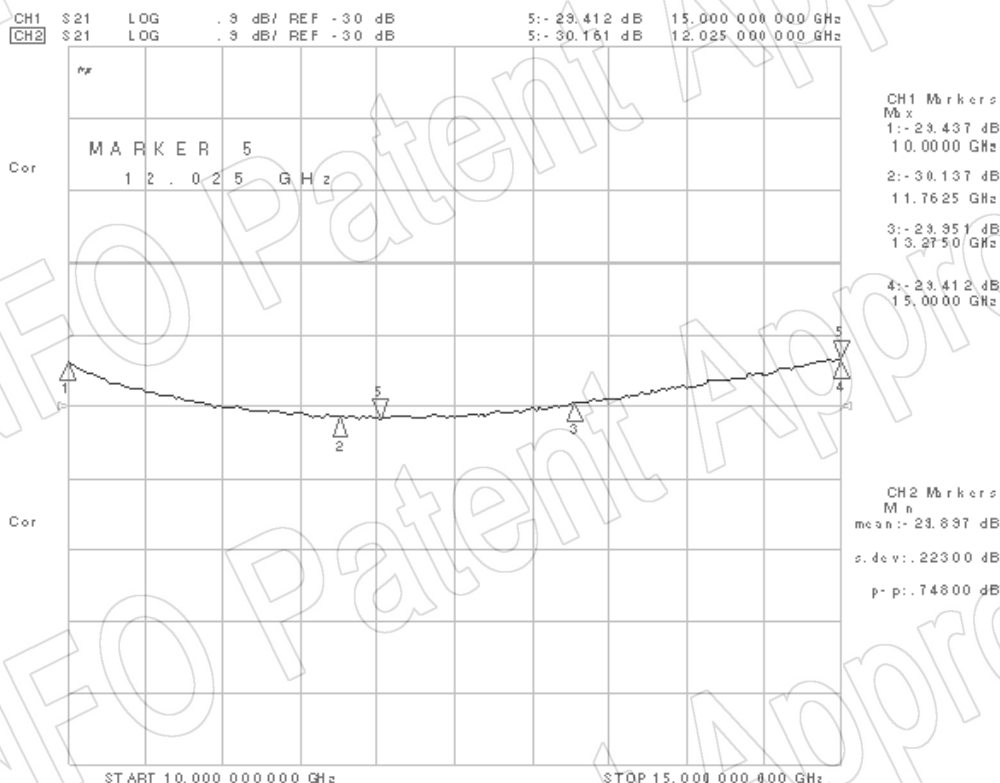
Figure 1 is a schematic diagram of a cross-section of a device. It consists of a top layer and a bottom layer. The top layer has a uniform thickness, indicated by a dimension line and the letter 'C'. The bottom layer has a wavy, undulating interface with the top layer. A vertical dashed line runs through the center of the device, representing a central axis or plane of symmetry.



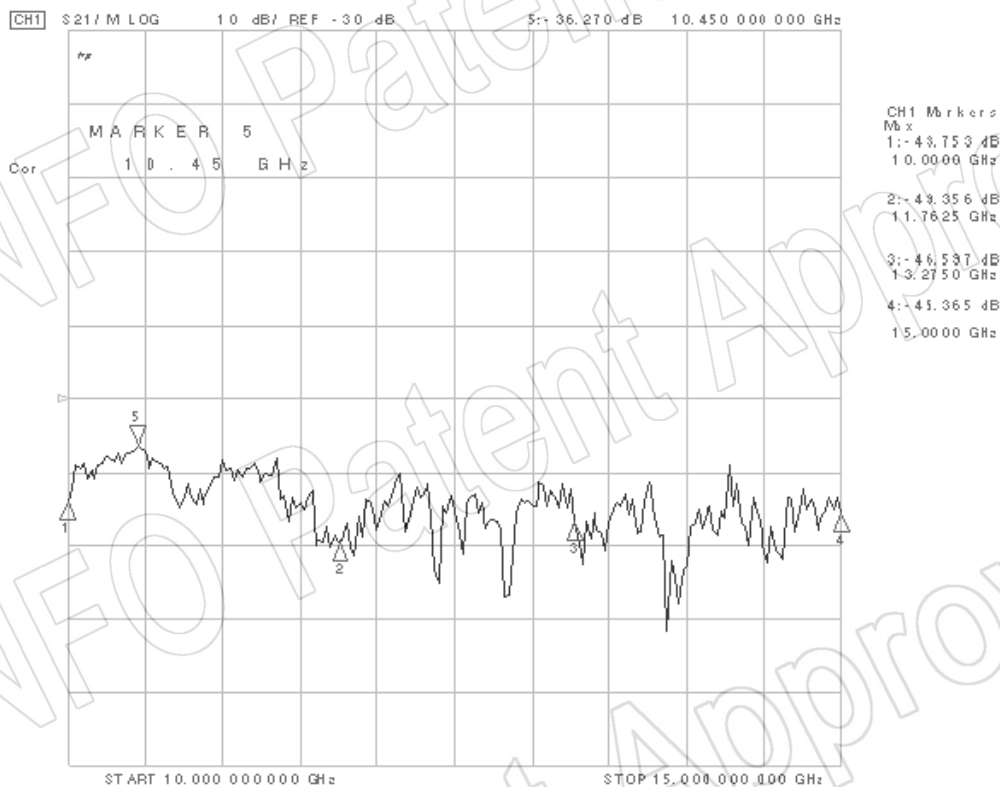
FBP120

Test Results

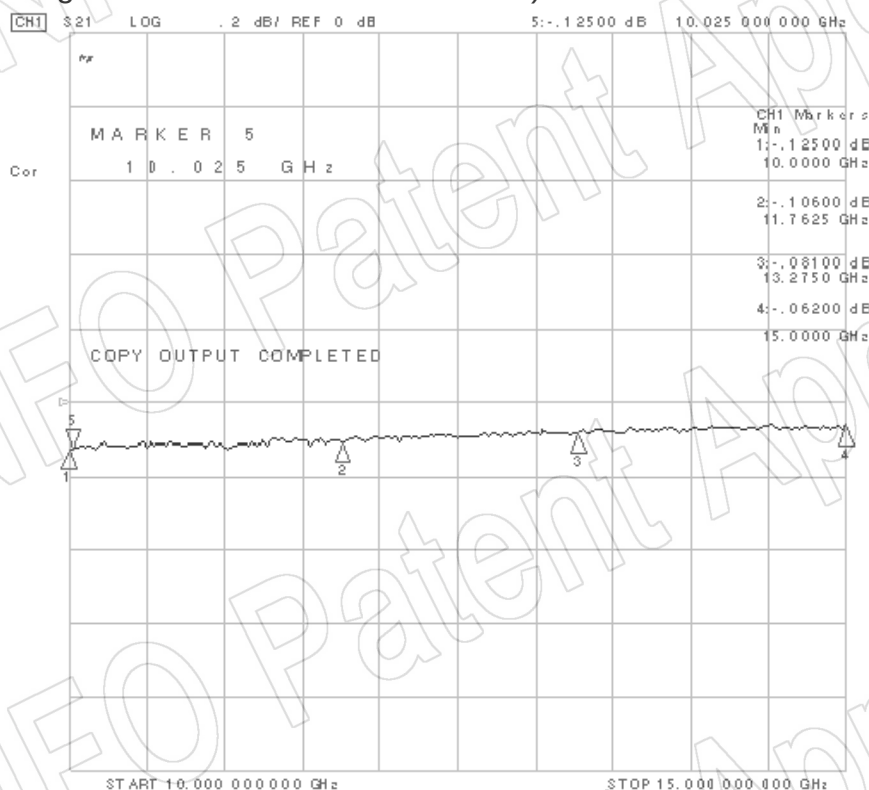
Coupling



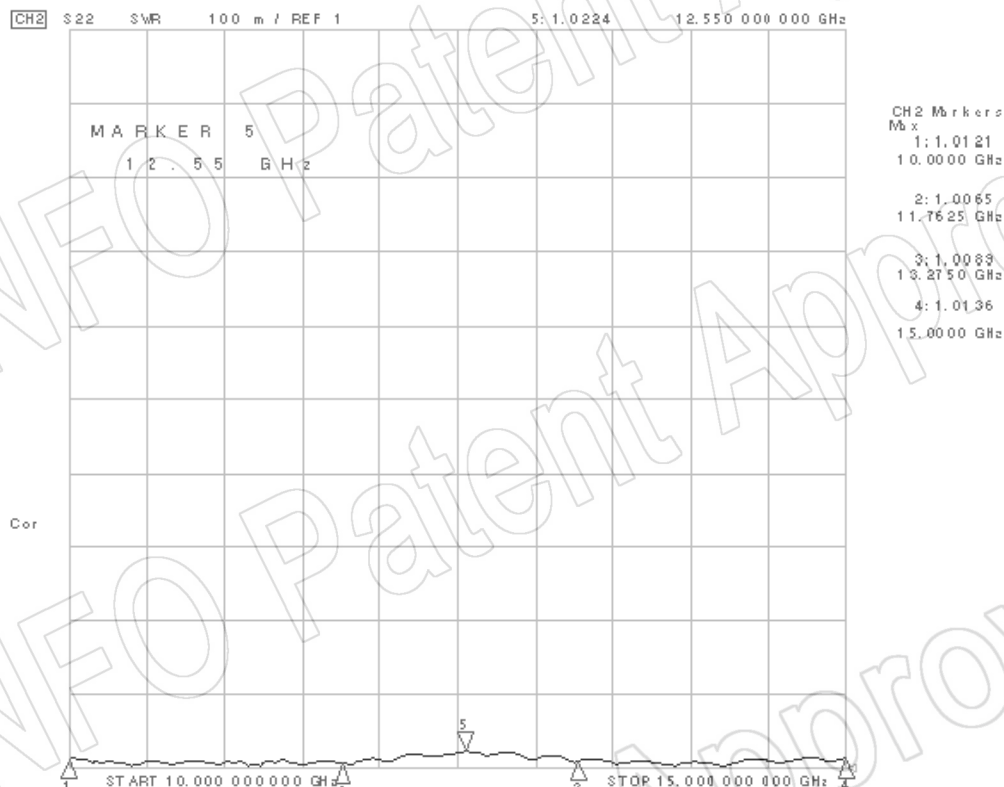
Directivity



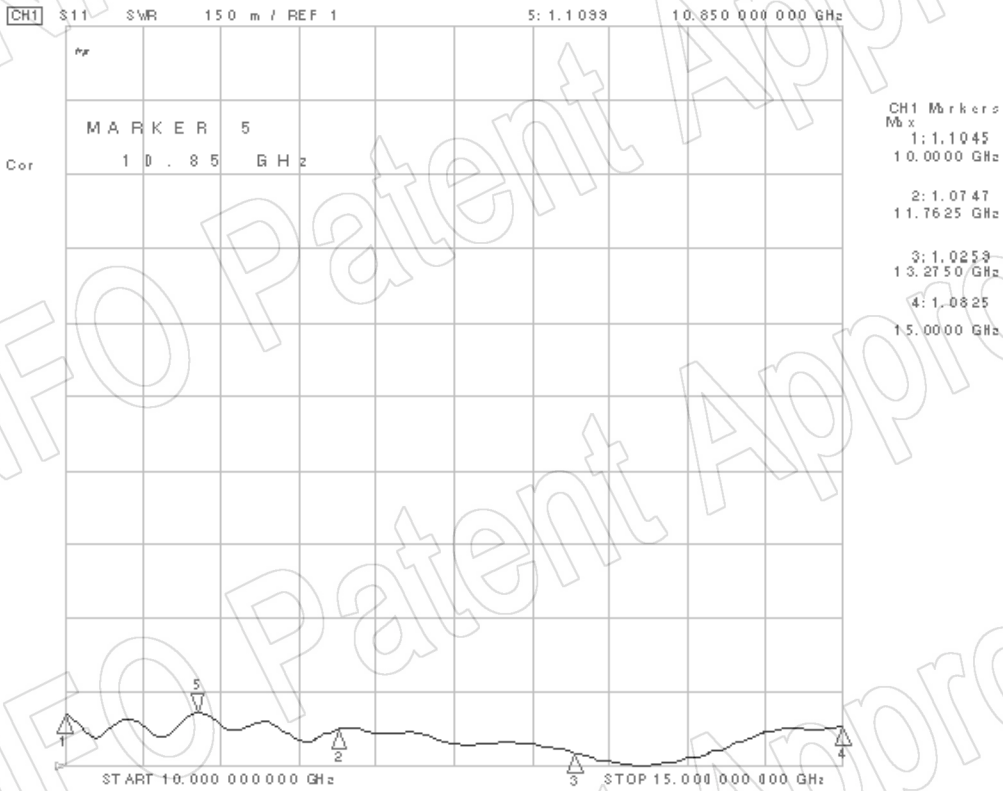
I.L. (Including the theoretical loss 4.35×10^{-3} dB)



Mainline VSWR



Secondline VSWR



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