

## Technical Specification

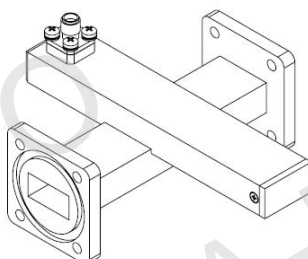
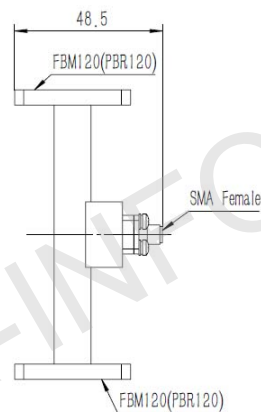
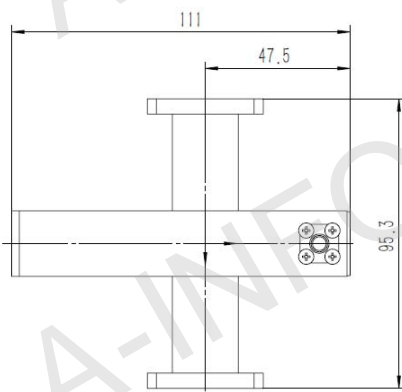


EIA WR	WR75
Frequency Range(GHz)	10.0 - 15.0
Coupling(dB)	40
Coupling Accuracy(dB)	±0.7 Max.
Freq. Sensitivity(dB)	±1.0 Max.
Directivity(dB)	18 Min.
Insertion Loss(dB)	0.1 Max. (Not including the theoretical loss $4.34 \times 10^{-4}$ dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBM120(PBR120)
Coupling Port	SMA-Female
Material	Cu
Size(mm)	111 x 95.3 x 48.5
Net Weight(Kg)	0.26 Around

## Outline Drawing (Size: mm)

Coupling Port: SMA-Female

For SMA-Male connector Coupling Port outline drawing, please contact A-INFO.



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

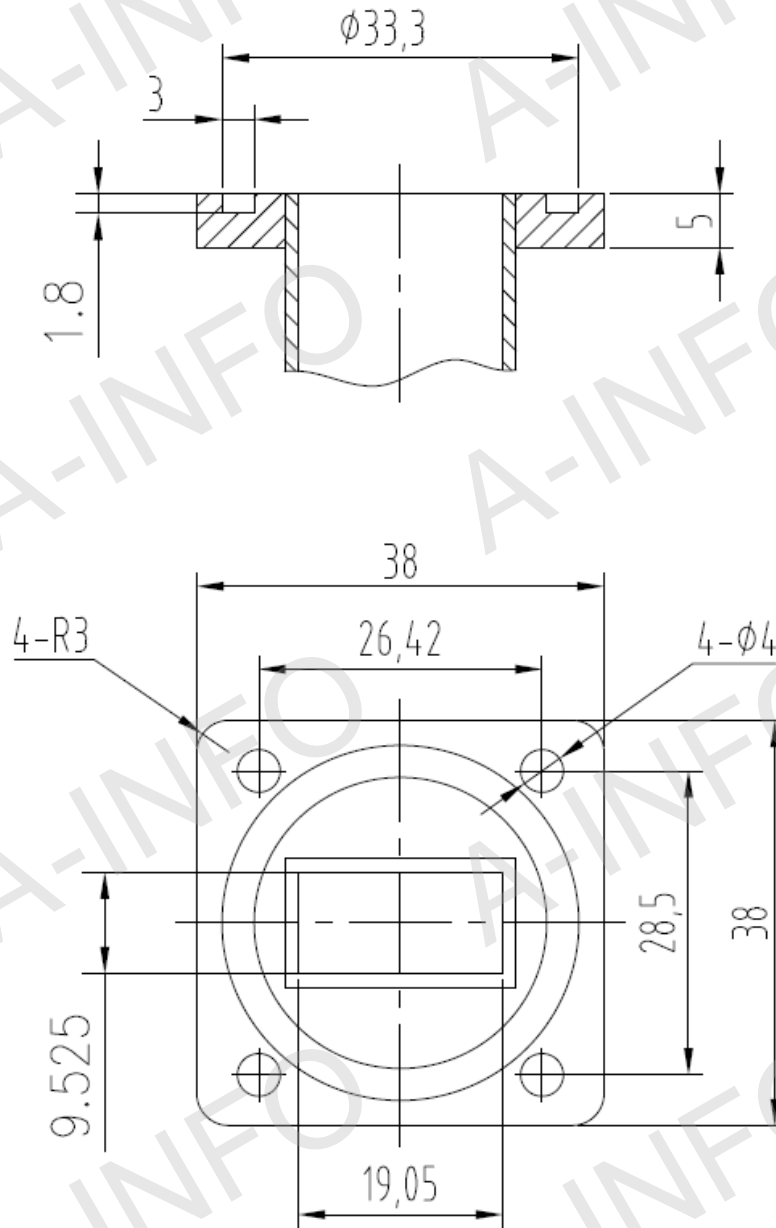
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## Flange Drawing (Size: mm)



# FBM120

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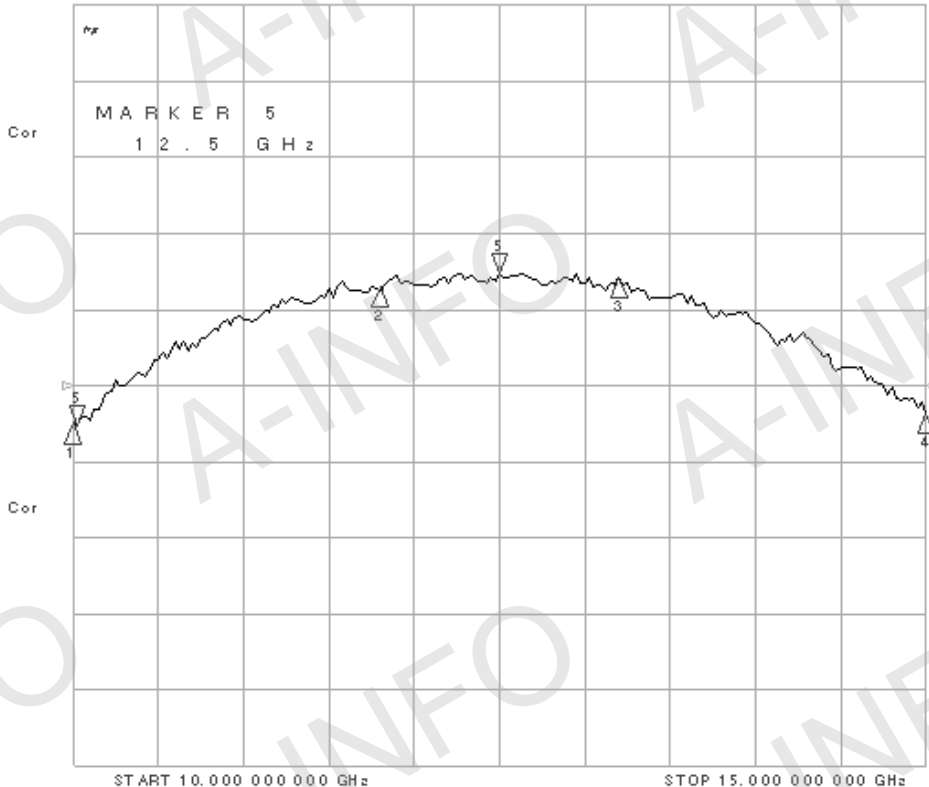
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## Test Results

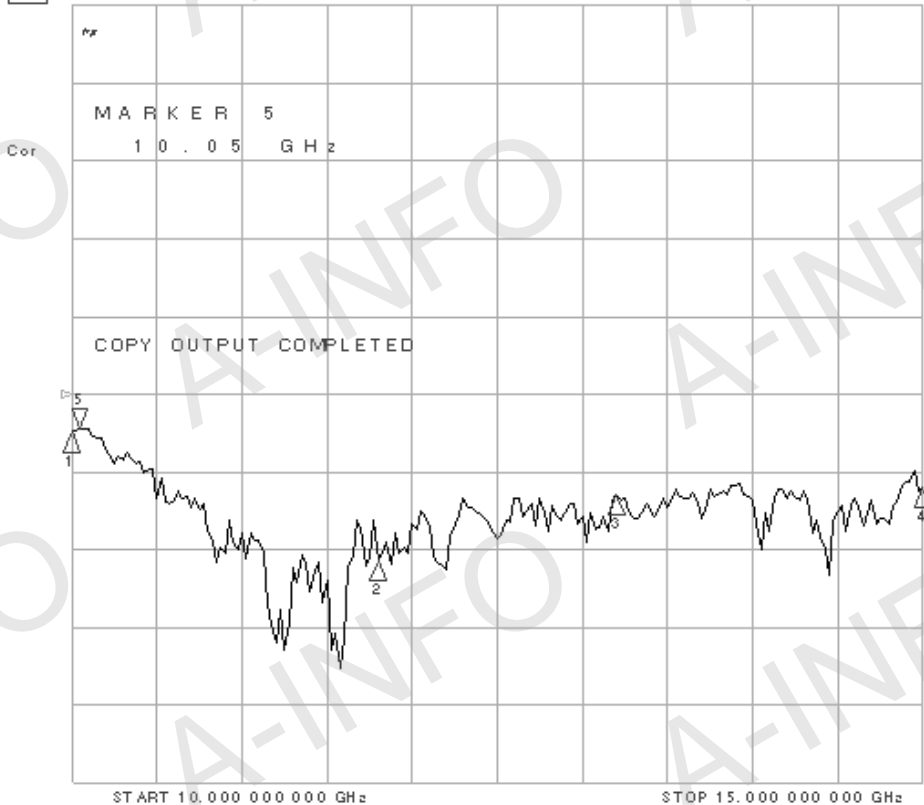
### Coupling

CH1 S21 LOG .7 dB/ REF -40 dB 5:-38.971 dB 12.500 000 000 GHz  
 CH2 S21 LOG .7 dB/ REF -40 dB 5:-40.375 dB 10.025 000 000 GHz

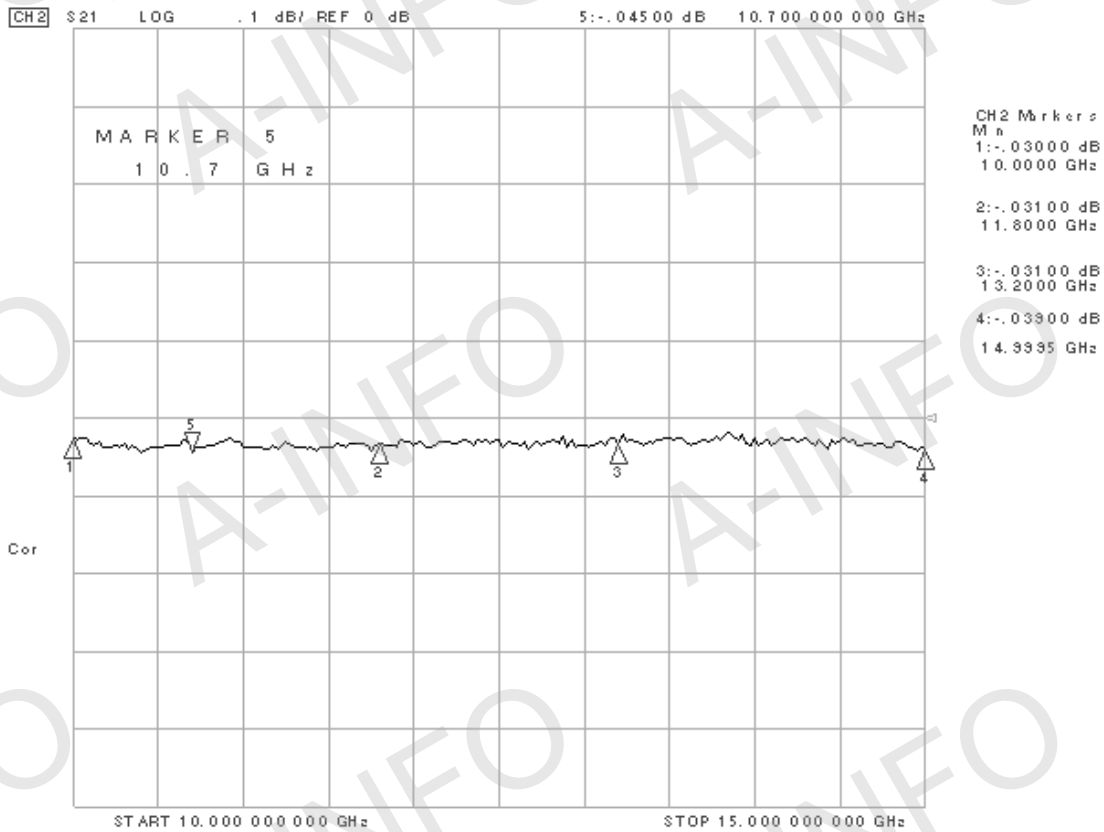


### Directivity

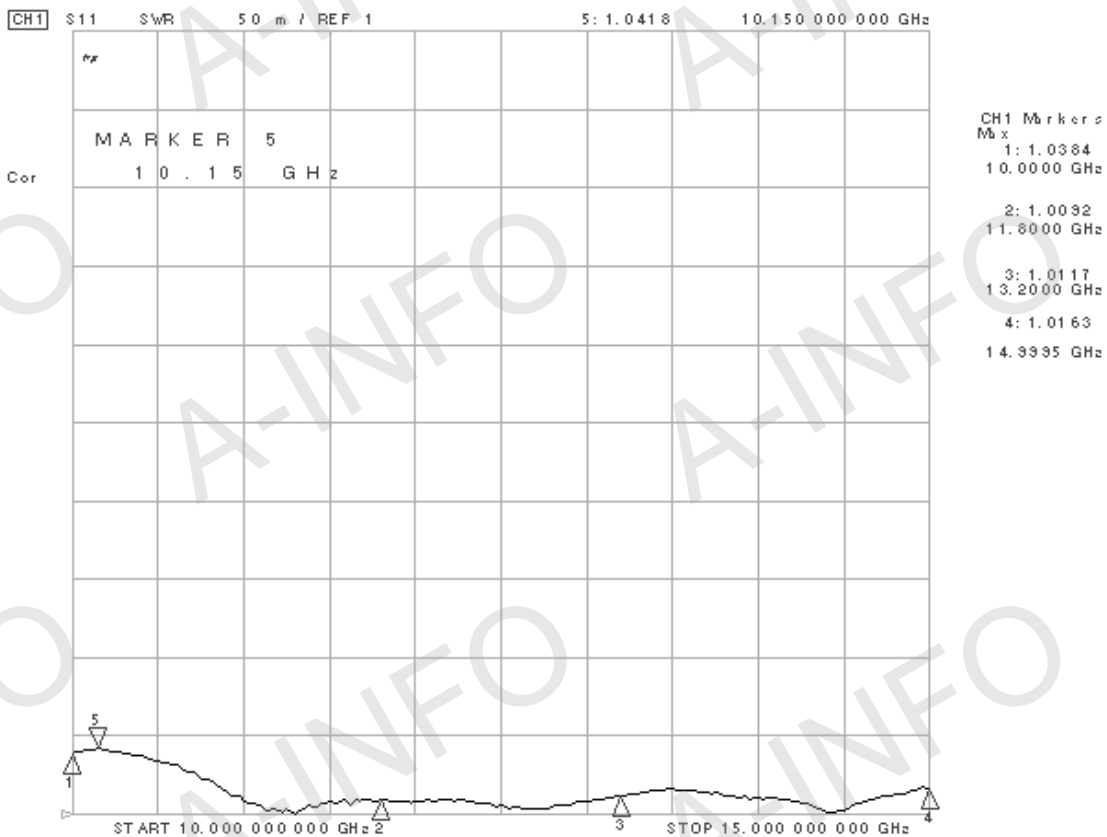
CH1 S21 / M LOG 10 dB/ REF -18 dB 5:-22.379 dB 10.050 000 000 GHz



I.L. (Including the theoretical loss  $4.34 \times 10^{-4}$  dB)



Mainline VSWR



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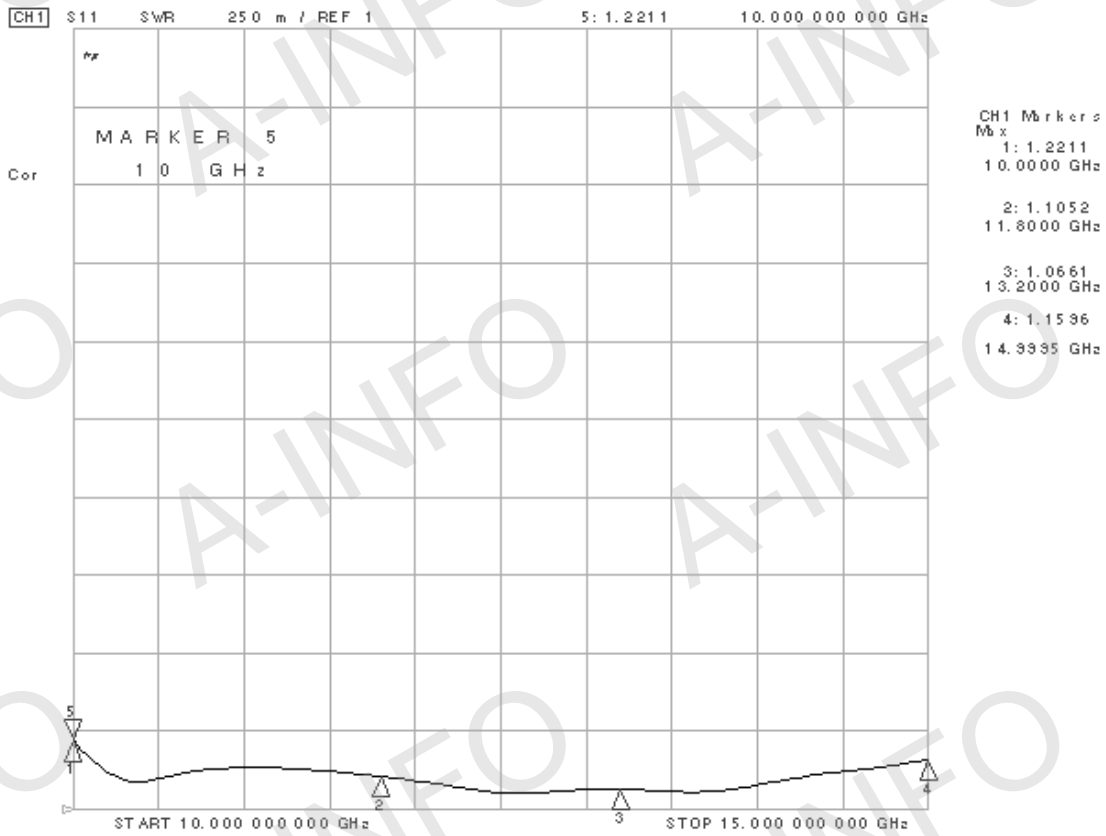
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Data subject to change without notice. For current data sheets, please contact: [Sales@ainfoinc.com](mailto:Sales@ainfoinc.com)

## Secondline VSWR



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