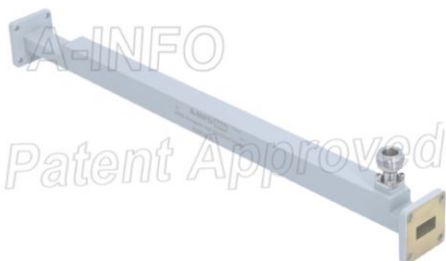


For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR62
Frequency Range(GHz)	12.4 – 18.0
Coupling(dB)	30
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 4.35×10^{-3} dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP140(UBR140)
Coupling Port	N-Female/N-Male
Material	Al
Size(mm)	349.25 x 33.3 x 53.4
Net Weight(Kg)	0.14 Around

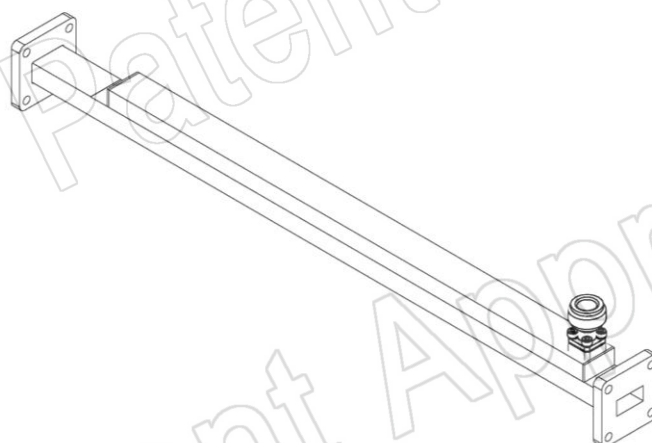
PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)

Coupling Port: N-Female

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



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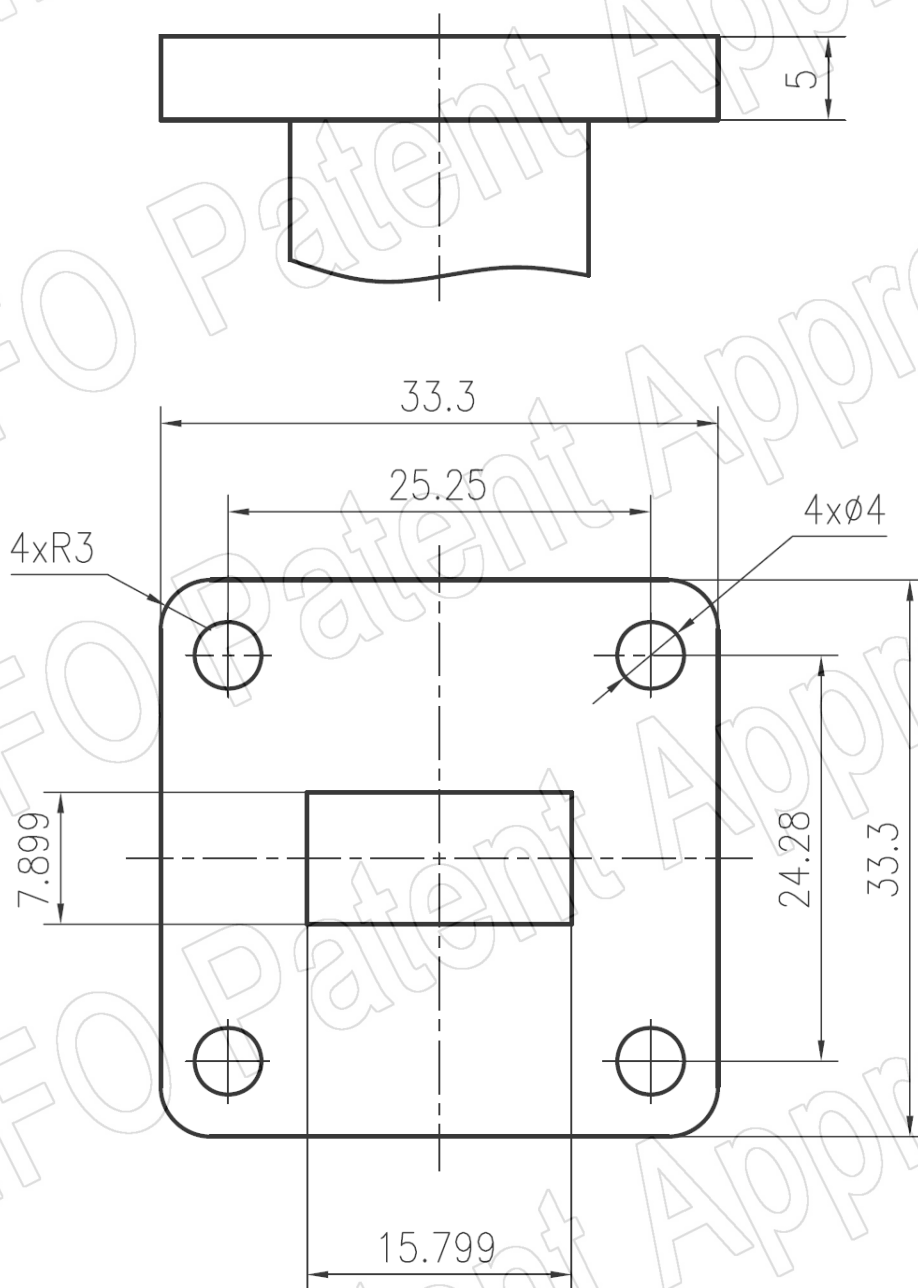
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Flange Drawing (Size: mm)

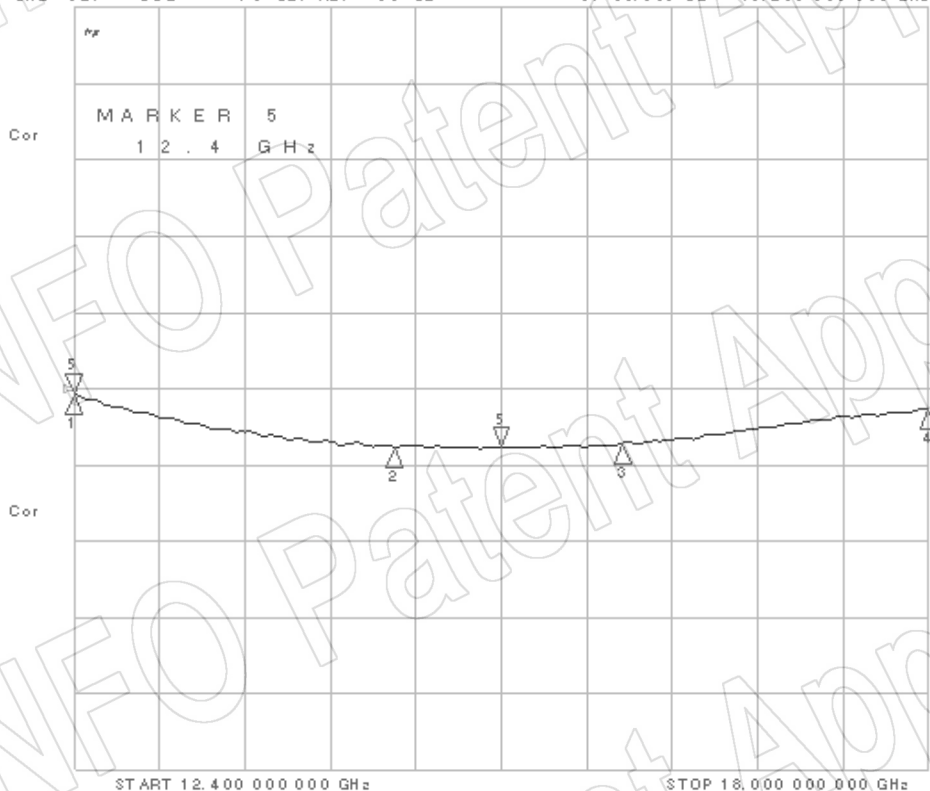


FBP140

Test Results

Coupling

CH1 S21 LOG .9 dB/ REF -30 dB 5:- 30.057 dB 12.400 000 000 GHz
CH2 S21 LOG .9 dB/ REF -30 dB 5:- 30.695 dB 15.200 000 000 GHz

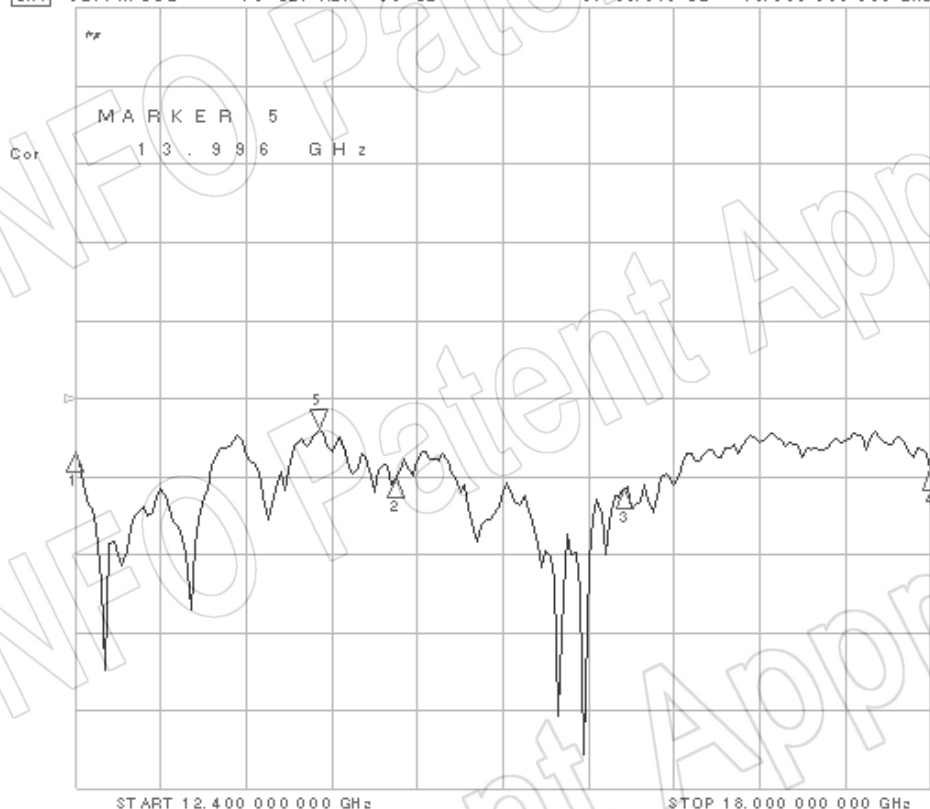


CH1 Markers
Mx
1:- 30.077 dB
12.4000 GHz
2:- 30.688 dB
14.5000 GHz
3:- 30.645 dB
16.0000 GHz
4:- 30.244 dB
18.0000 GHz

CH2 Markers
Mx
mean:- 30.518 dB
s.dev:- 1.17000 dB
p-p:- 6.3700 dB

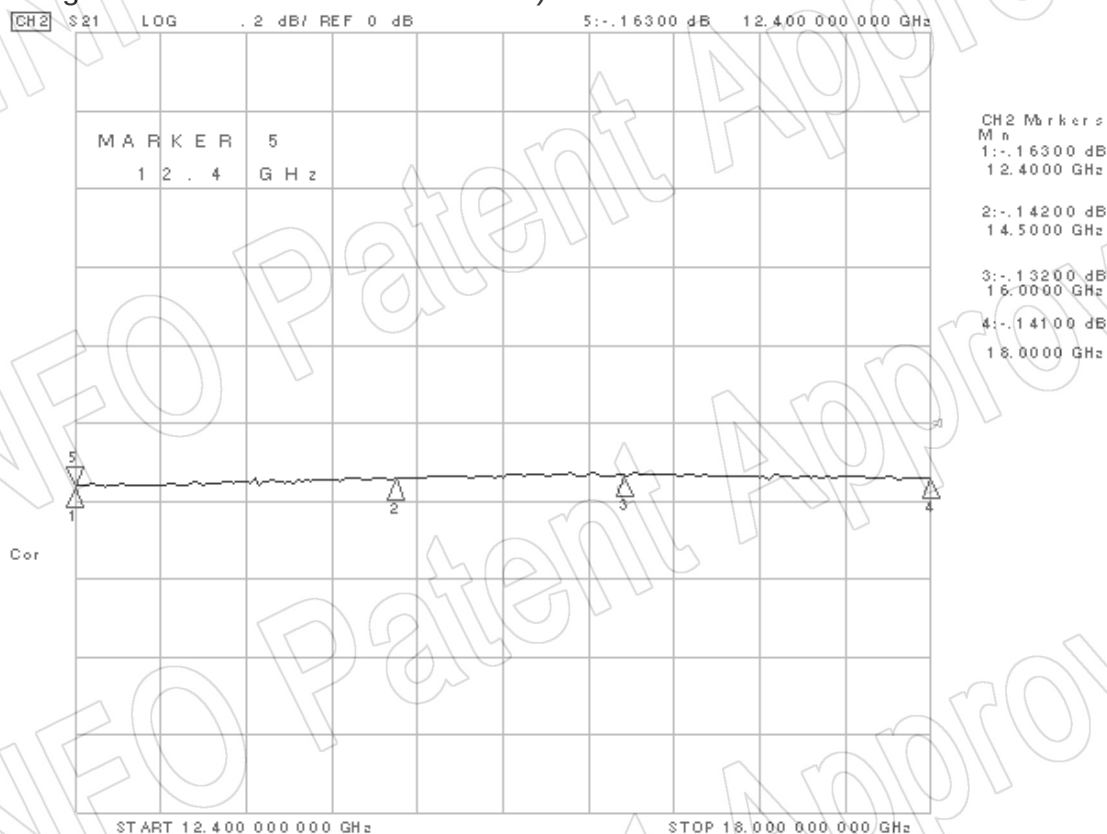
Directivity

CH1 S21 / M LOG 10 dB/ REF -30 dB 5:- 33.875 dB 13.936 000 000 GHz

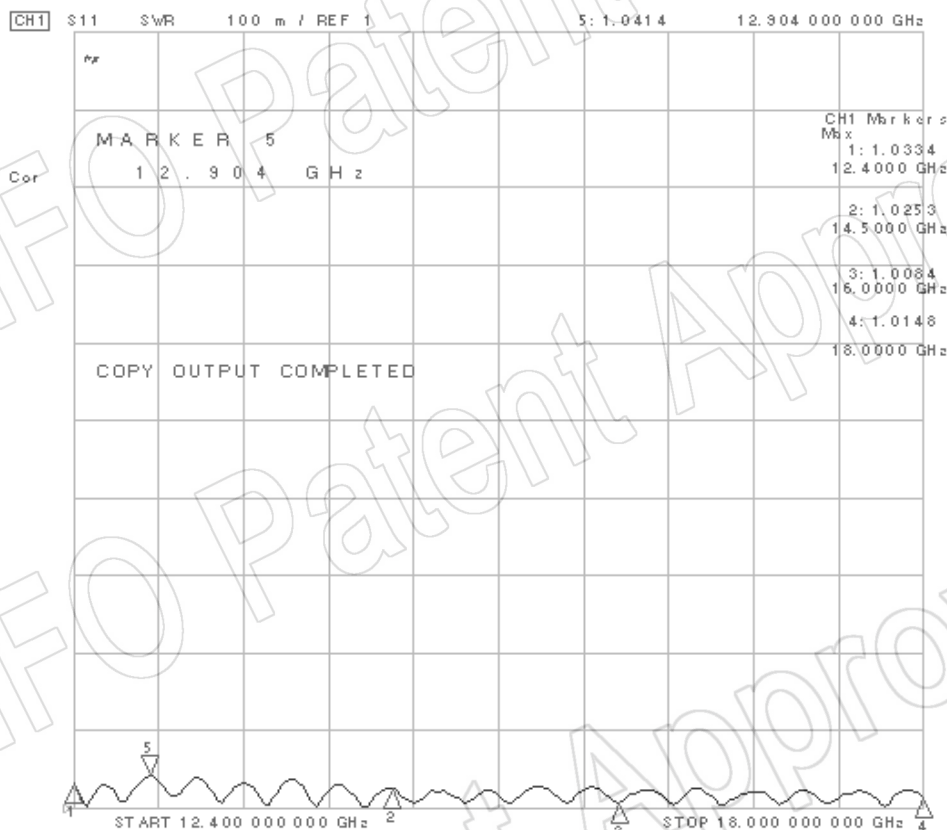


CH1 Markers
Mx
1:- 36.696 dB
12.4000 GHz
2:- 40.038 dB
14.5000 GHz
3:- 41.383 dB
16.0000 GHz
4:- 38.975 dB
18.0000 GHz

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



Mainline VSWR



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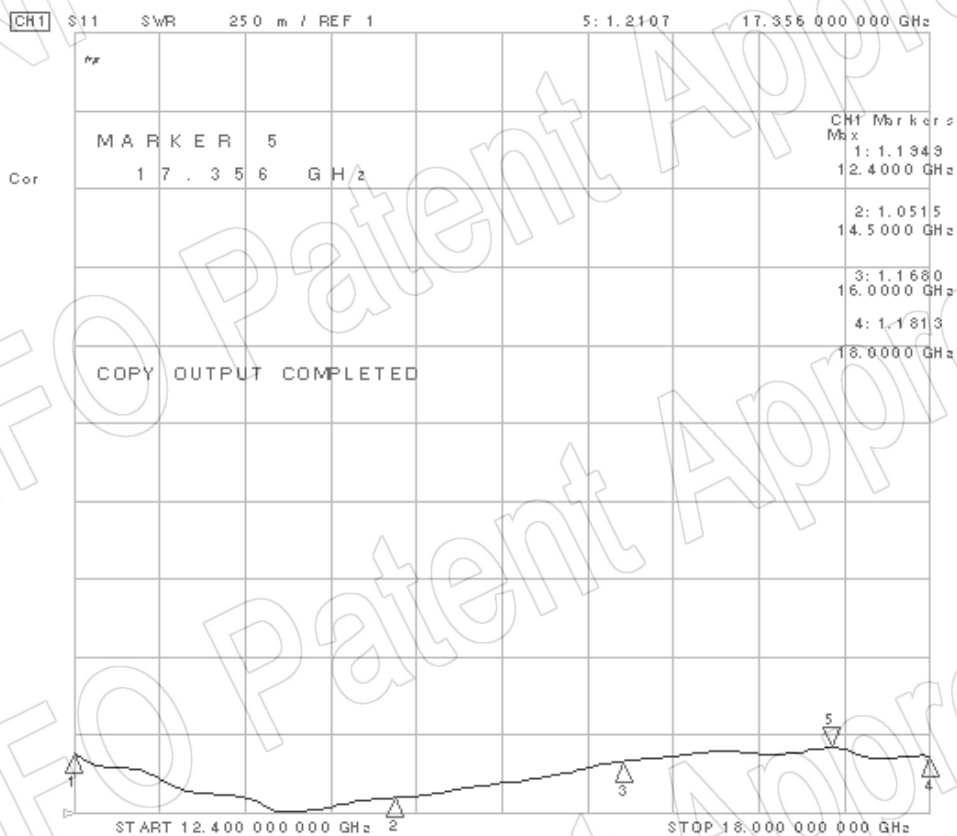
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Secondline VSWR



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