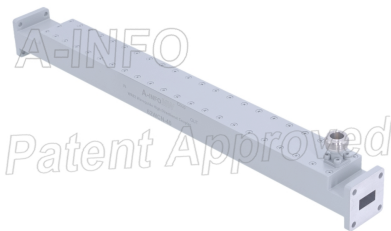


For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR62
Frequency Range(GHz)	12.4 – 18.0
Coupling(dB)	40
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 4.34×10^{-4} dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP140(UBR140)
Coupling Port	N-Female/N-Male
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	349.3 x 33.3 x 53.4
Net Weight(Kg)	0.56 Around

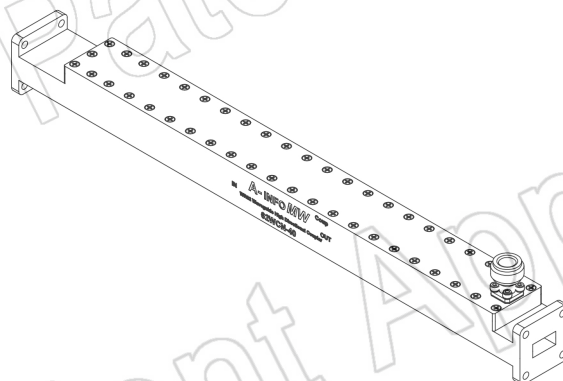
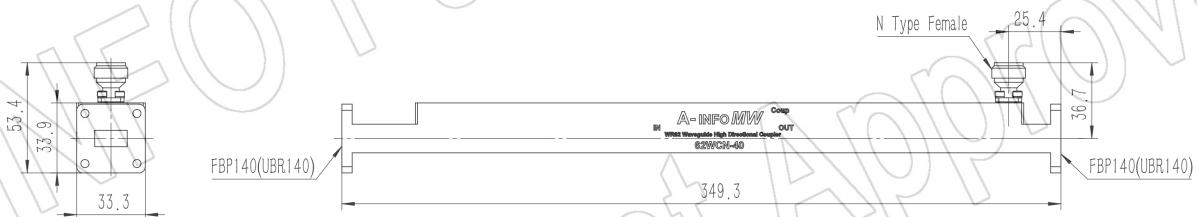
PATENT ID (China)

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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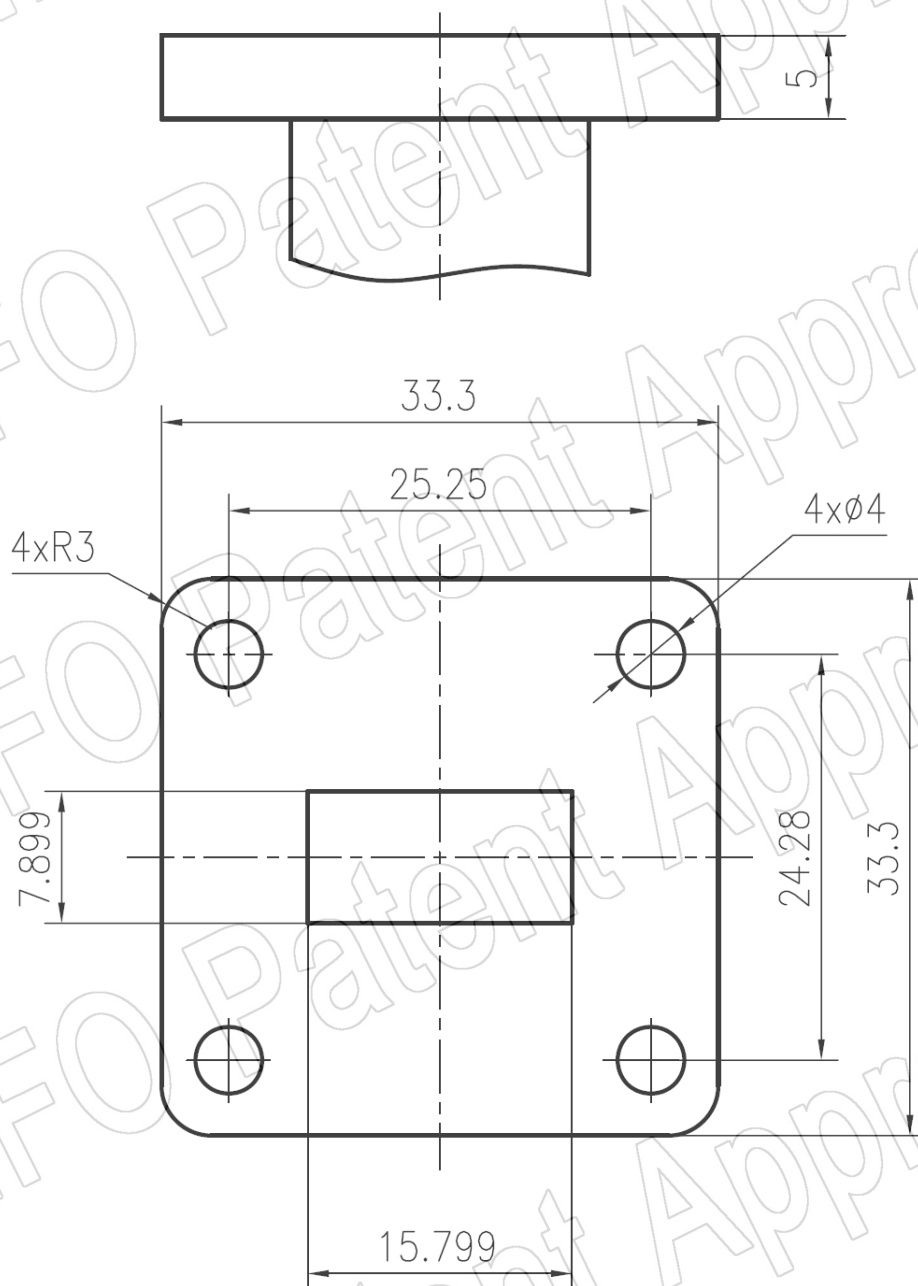
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Email: sales@ainfoinc.com

Flange Drawing (Size: mm)

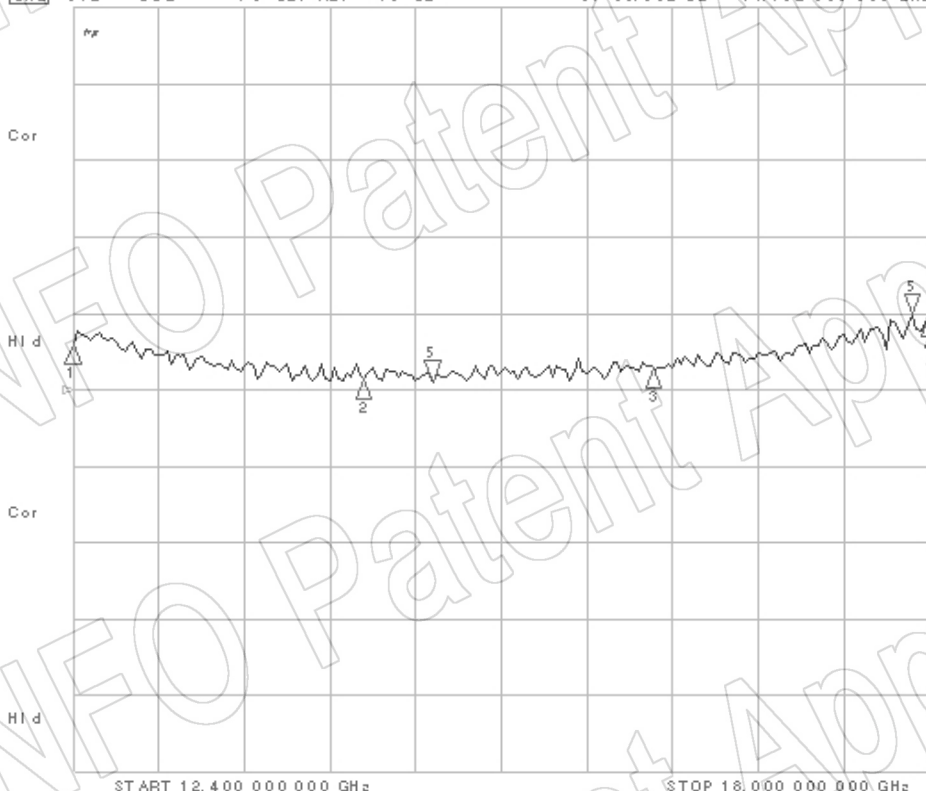


FBP140

Test Results

Coupling

CH1 S12 LOG .3 dB/ REF -40 dB 5:-39.118 dB 17.888 000 000 GHz
CH2 S12 LOG .3 dB/ REF -40 dB 5:-39.902 dB 14.752 000 000 GHz

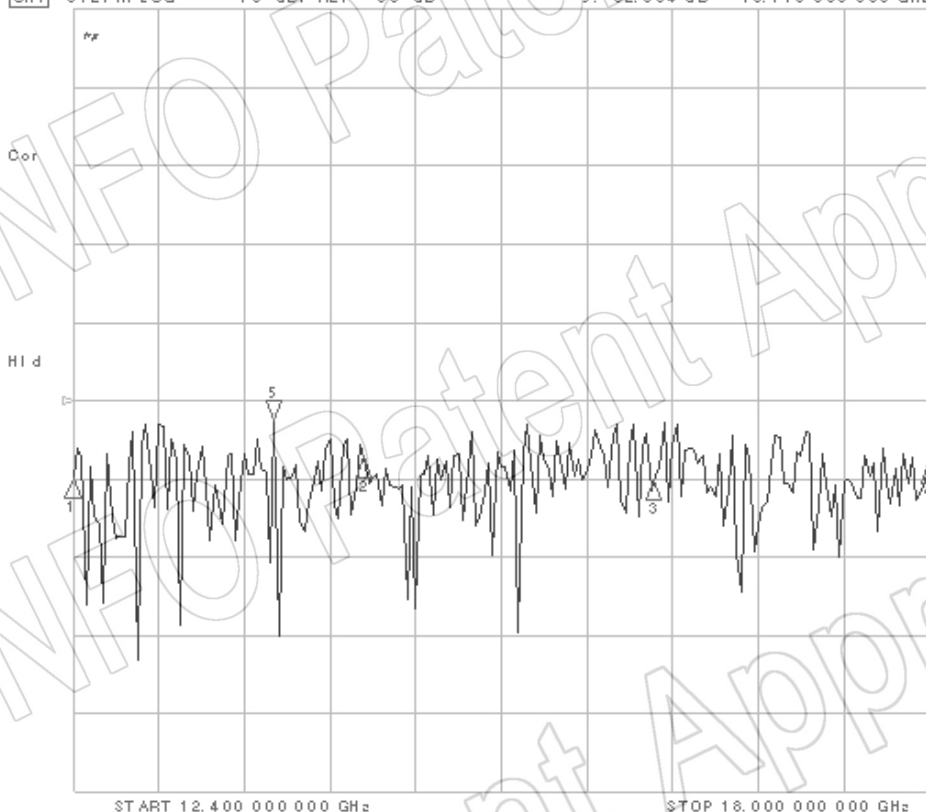


CH1 Markers
Mx
1:-39.456 dB
12.4000 GHz
2:-39.865 dB
14.3000 GHz
3:-39.742 dB
16.2000 GHz
4:-39.128 dB
18.0000 GHz

CH2 Markers
Mn
mean:-39.652 dB
s.dev:-1.8100 dB
p-p:-1.8400 dB

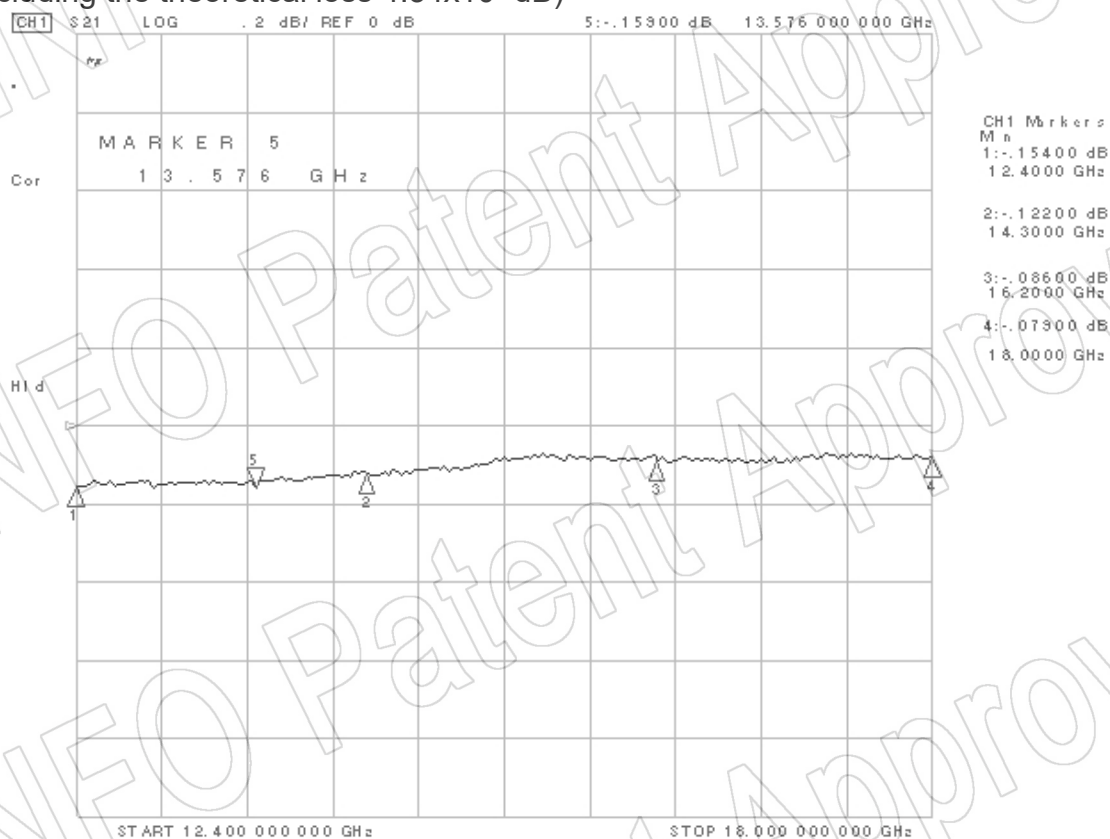
Directivity

CH1 S12/M LOG 10 dB/ REF -30 dB 5:-32.604 dB 13.716 000 000 GHz

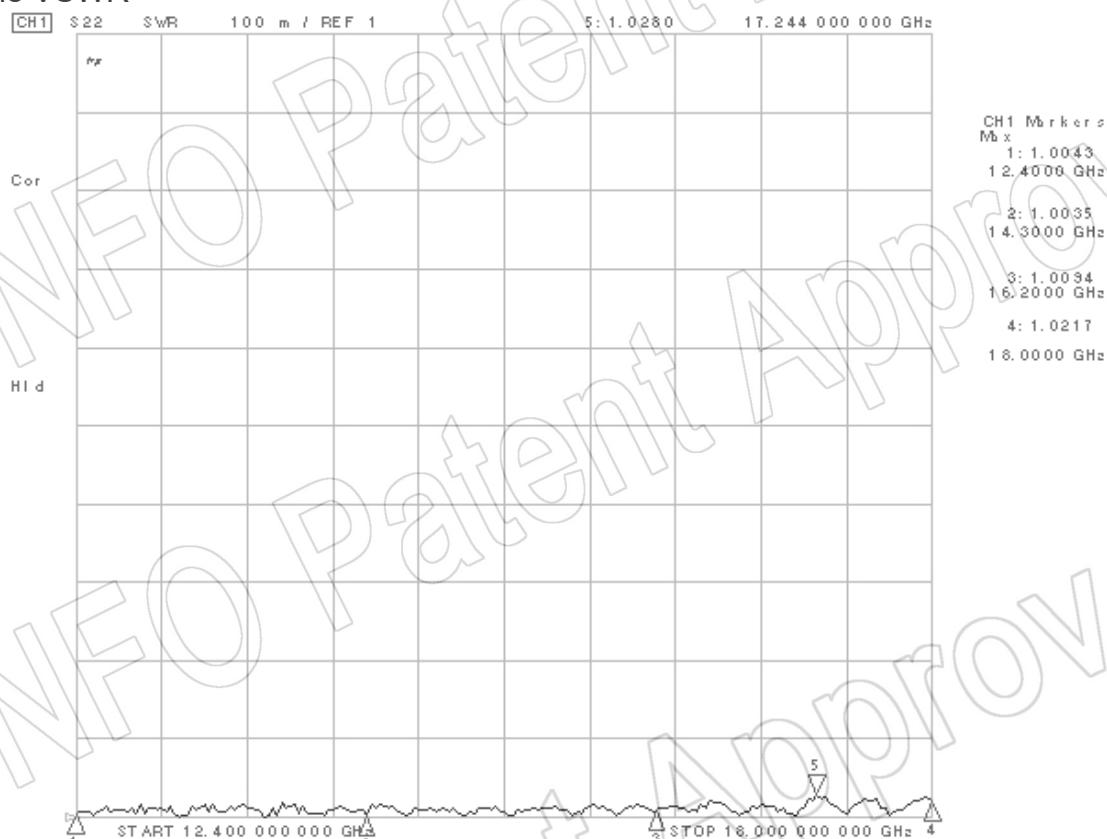


CH1 Markers
Mx
1:-39.817 dB
12.4000 GHz
2:-37.110 dB
14.3000 GHz
3:-40.143 dB
16.2000 GHz
4:-37.777 dB
18.0000 GHz

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



Mainline VSWR



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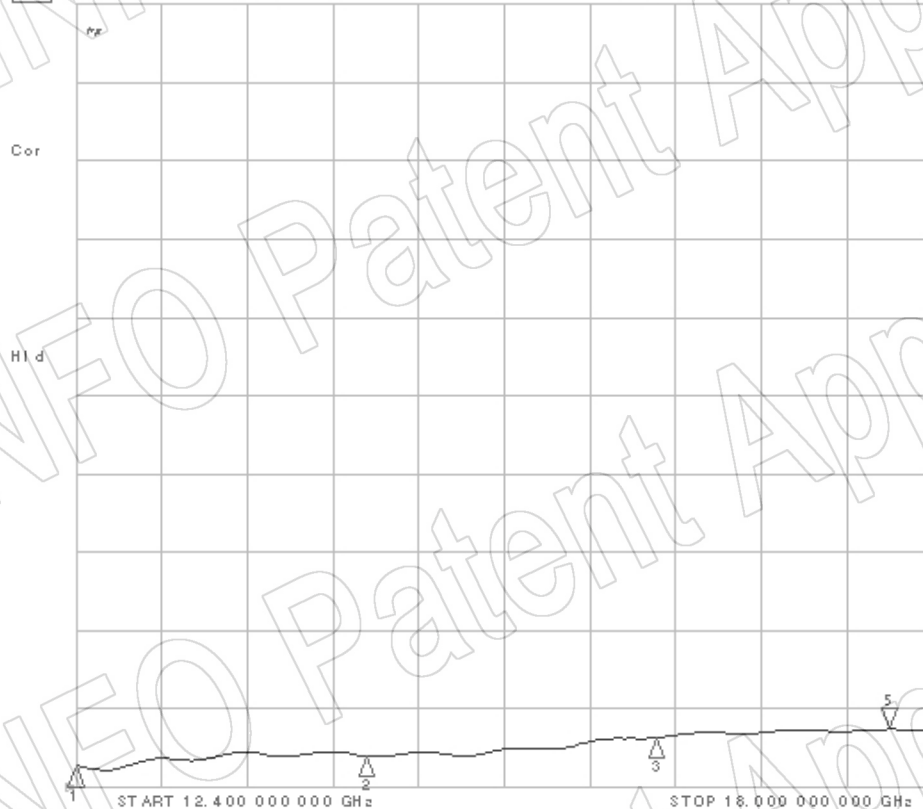
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Secondline VSWR

CH1 S22 SWR 25.0 m / REF 1 5: 1.1862 17.720 000 000 GHz



CH1 Markers
Max

1: 1.0673
12.4000 GHz

2: 1.0390
14.3000 GHz

3: 1.1585
16.2000 GHz

4: 1.1815
18.0000 GHz