

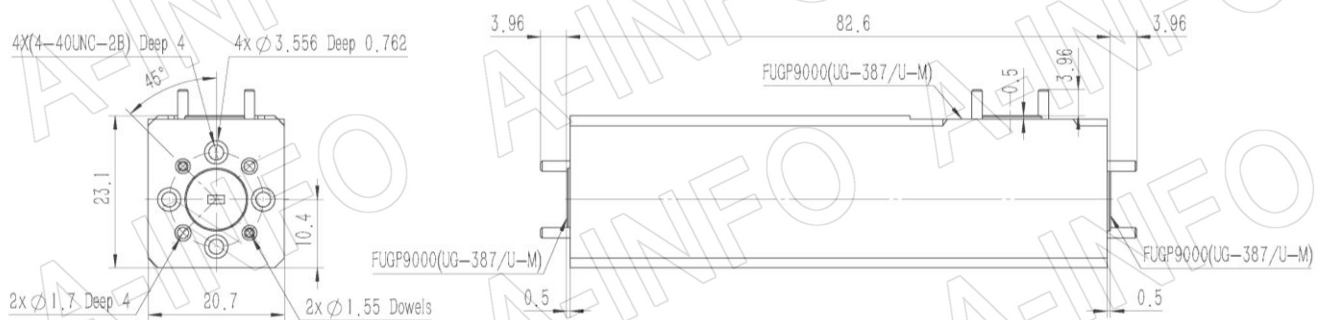
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR10
Frequency Range(GHz)	75.0 – 110.0
Coupling(dB)	30
Coupling Accuracy(dB)	±1.5 Max.
Frequency Sensitivity(dB)	±0.9 Max.
Directivity(dB)	20 Min.
Insertion Loss(dB)	0.8 Max. (Not including the theoretical loss 4.35×10^{-3} dB)
Mainline VSWR	1.15:1 Max.
Secondline VSWR	1.20:1 Max.
Flange	FUGP900(UG-387/U-M)
Material	Cu
Size(mm)	82.6 x 20.7 x 23.1
Net Weight(Kg)	0.21 Around

Outline Drawing (Size: mm)



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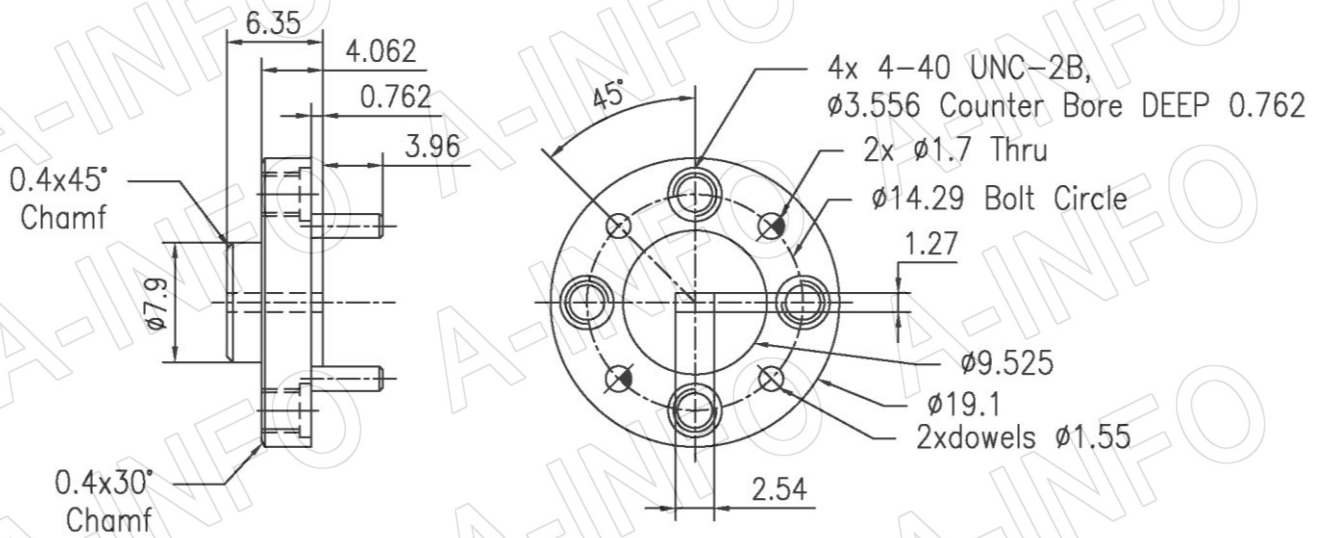
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

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Email: sales@ainfoinc.com

Flange Drawing (Size: mm)



FUGP900

(equivalent to UG-387/U-M)

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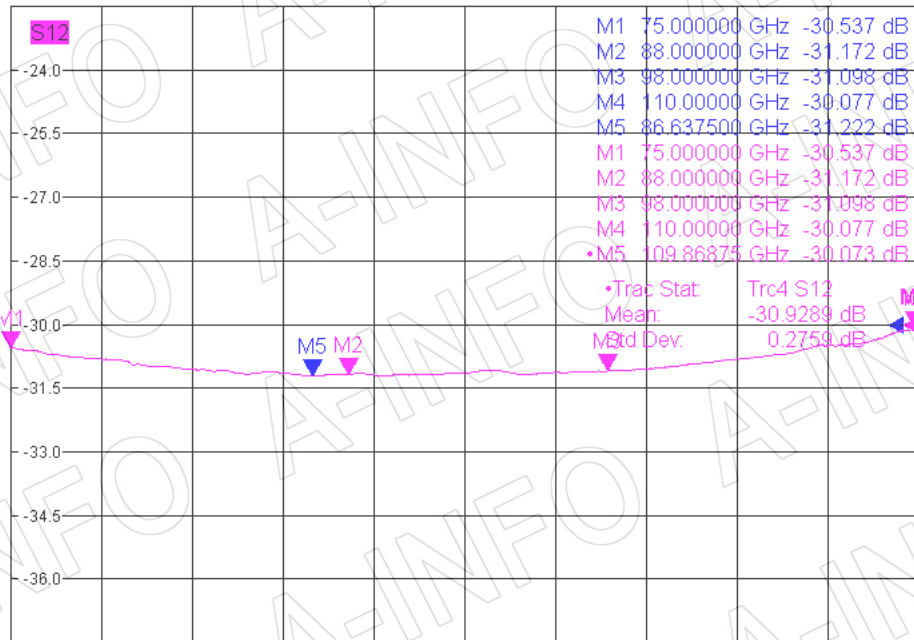
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Test Results

Coupling

Trc3 S12 dB Mag 1.5 dB / Ref -30 dB Cal
Trc4 S12 dB Mag 1.5 dB / Ref -30 dB Cal

2 (Max)

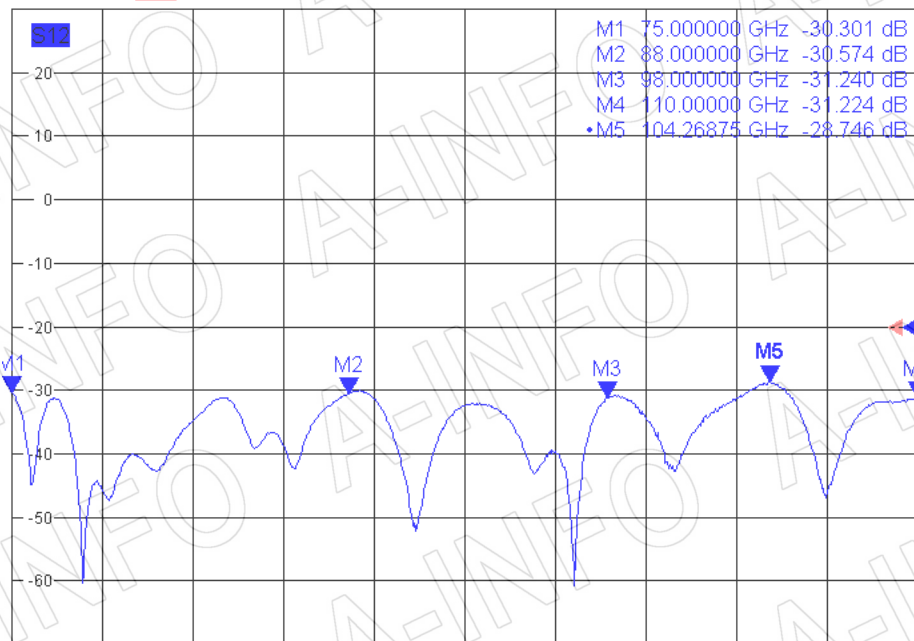


Ch1 Arb fb Start 75 GHz Pb 0 dBm Stop 110 GHz

Directivity

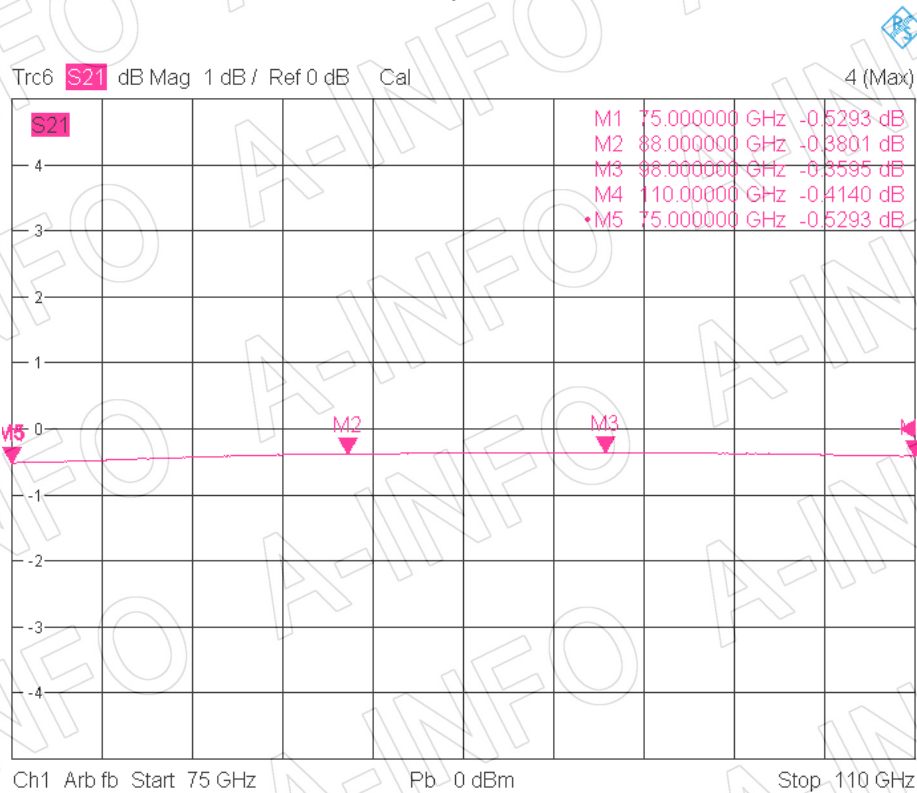
Trc5 S12 dB Mag 10 dB / Ref -20 dB Cal Math
Mem8[Trc5] S12 dB Mag 10 dB / Ref -20 dB Invisible

3 (Max)

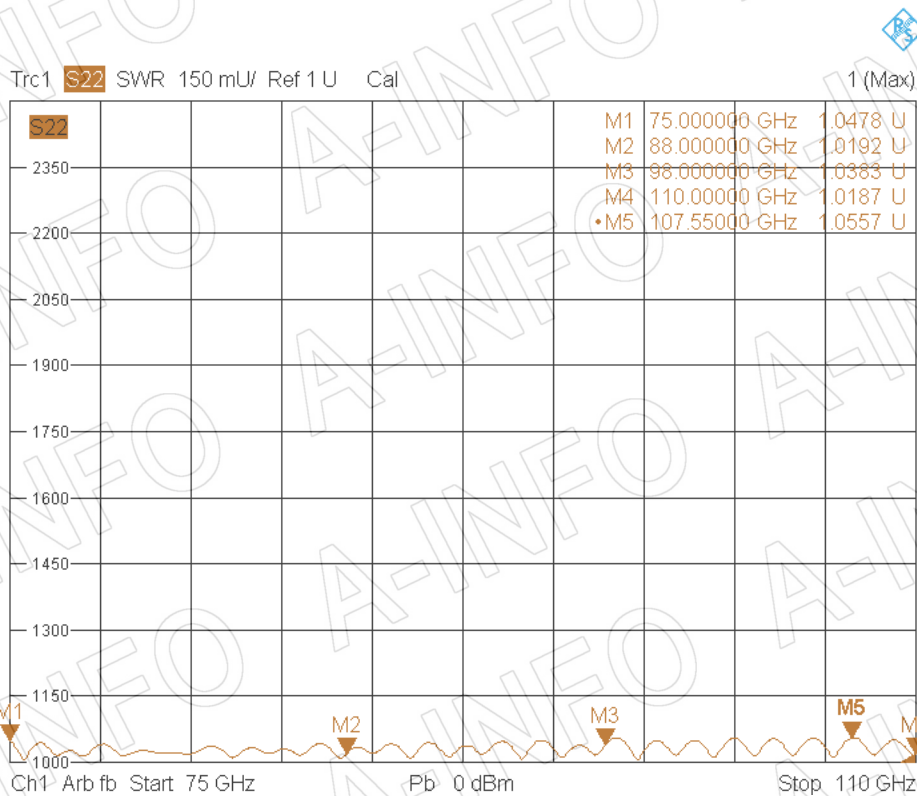


Ch1 Arb fb Start 75 GHz Pb 0 dBm Stop 110 GHz

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



Mainline VSWR



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Secondline VSWR

