

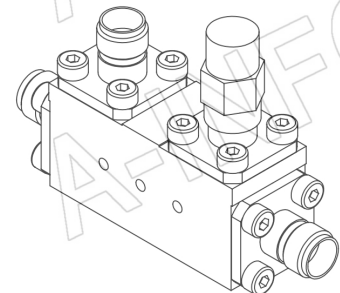
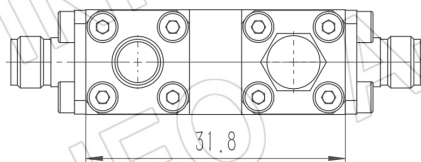
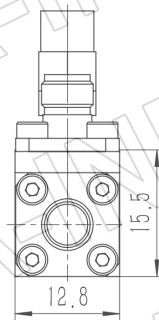
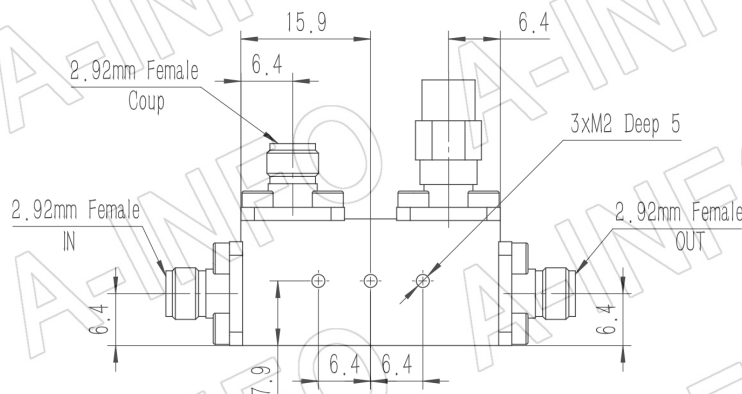
For reference only. See data sheet for the detailed specifications.

Technical Specification



Freq. Range(GHz)	6.0 - 40.0
Coupling(dB)	10
Coupling Accuracy(dB)	±0.8 Max.
Directivity(dB)	10 Min.
Insertion Loss(dB)	1.6 Max. (Not including the theoretical loss 0.46dB)
Mainline VSWR	1.6:1 Max.
Coupled VSWR	1.6:1 Max.
Average Power(W CW)	20 Max.
Peak Power(KW)	3
Connectors	2.92mm-Female
Operating Temp.(°C)	-55 ~ +85
Material	Al
Finish	Chemical Conversion Coating, Black Paint
Size(mm)	31.8 x 12.8 x 15.5
Net Weight(Kg)	0.04 Around

Outline Drawing (Size: mm)



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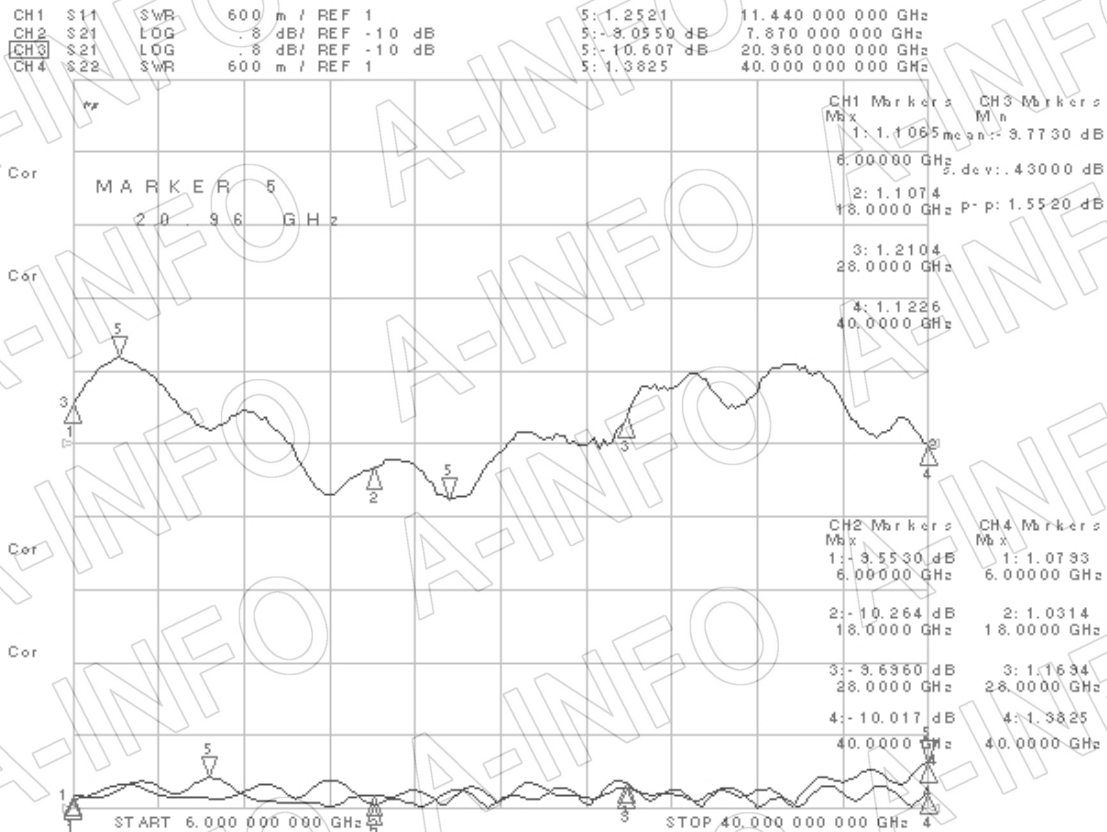
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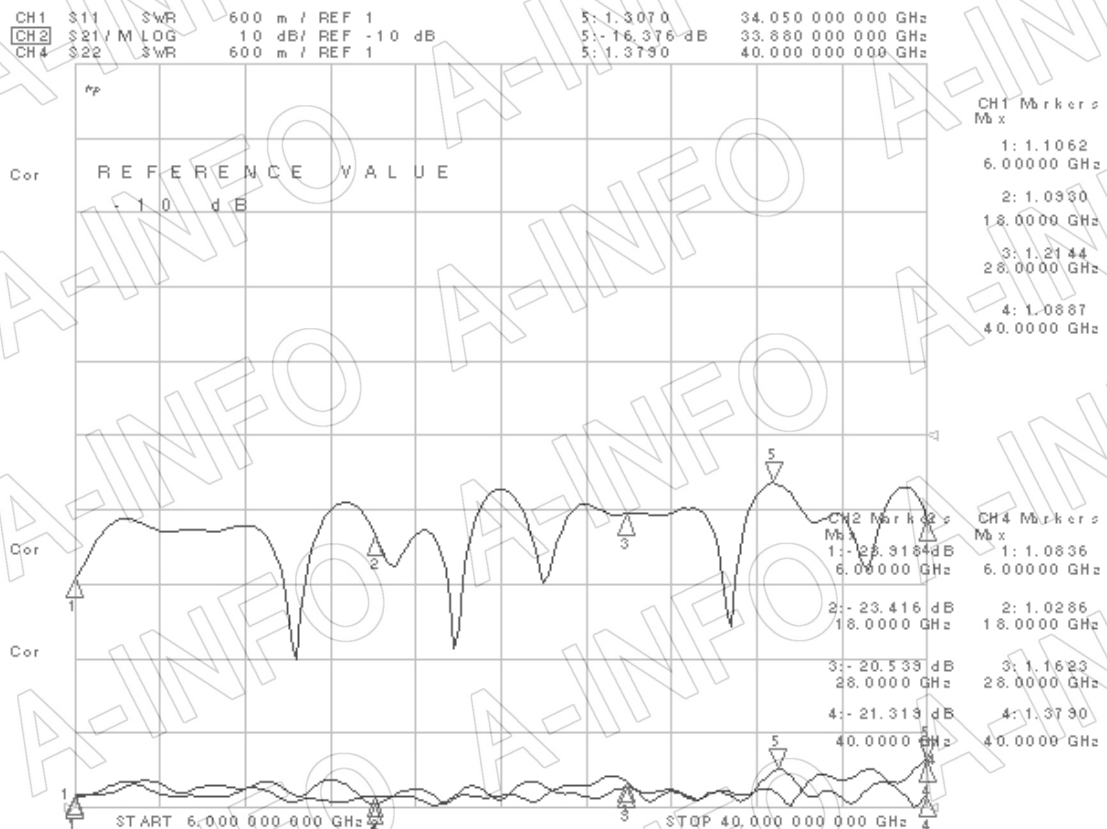
Website: www.ainfoinc.com
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Test Results

Coupling



Directivity



Insertion Loss (Including the theoretical loss 0.46dB) & VSWR

CH1 S11 SWR 600 m / REF 1 5: 1.2308 11.950 000 000 GHz
CH2 S21 LOG 1.6 dB / REF -0.46 dB 5: -1.5320 dB 34.330 000 000 GHz
CH4 S22 SWR 600 m / REF 1 5: 1.2343 11.950 000 000 GHz

