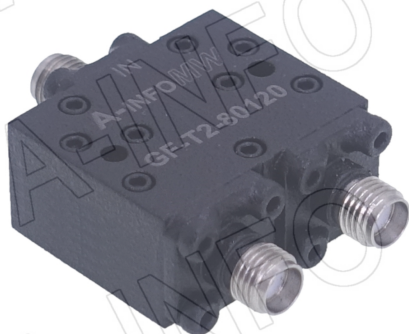


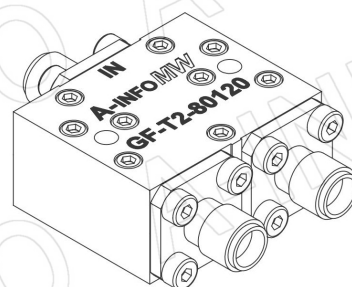
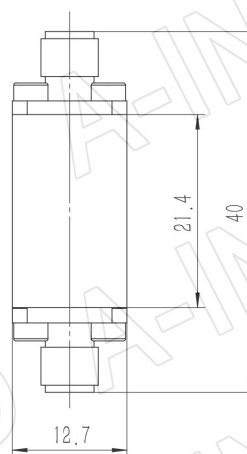
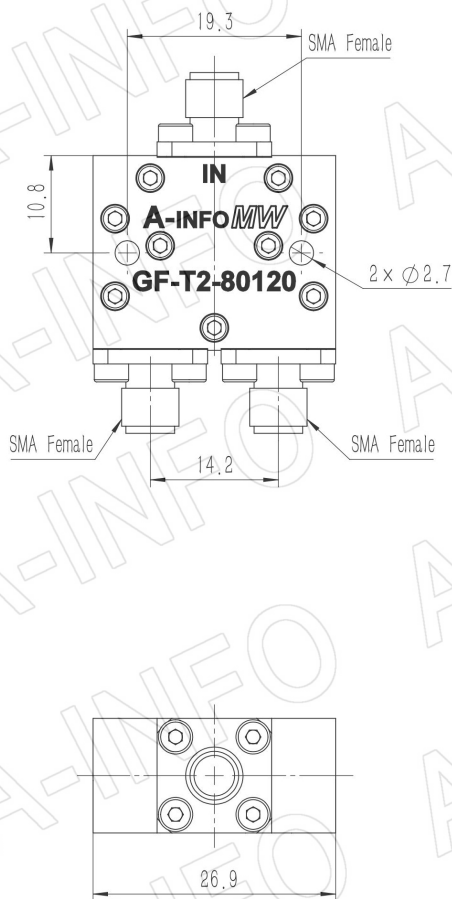
For reference only. See data sheet for the detailed specifications.

Technical Specification



Frequency Range(GHz)	8.0 – 12.0
Input VSWR	1.50:1 Max.
Output VSWR	1.50:1 Max.
Insertion Loss(dB)	1.0 Max. (Not including the theoretical loss 3.0dB)
Isolation(dB)	18 Min.
Amplitude Balance(dB)	±0.5 Max.
Phase Balance(°)	±5 Max.
Power Handling(W CW)	10 Max.
Connector	SMA-Female
Operating Temp.(°C)	-55~+85
Material	Al
Finish	Chemical Conversion Coating, Black Paint
Size(mm)	40 x 26.9 x 12.7
N.W.(Kg)	0.03 Around

Outline Drawing (Size: mm)



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USA :

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Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

Page 1 of 3

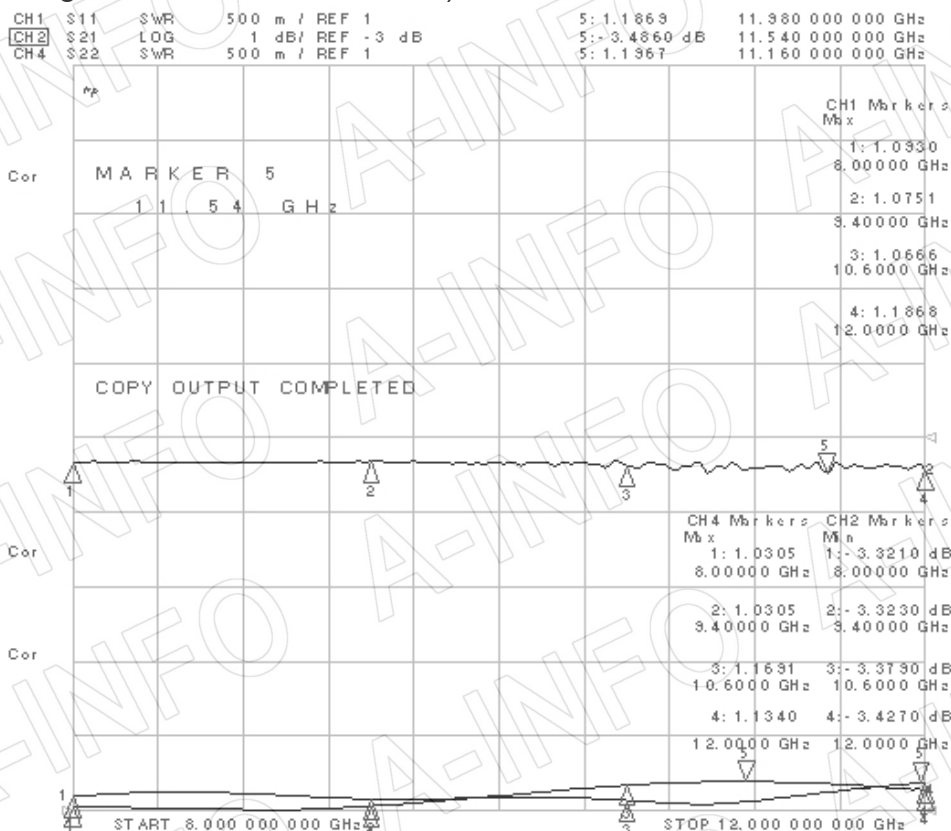
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(+86) 28-8519-3044
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Fax: (+1) 949-639-9670

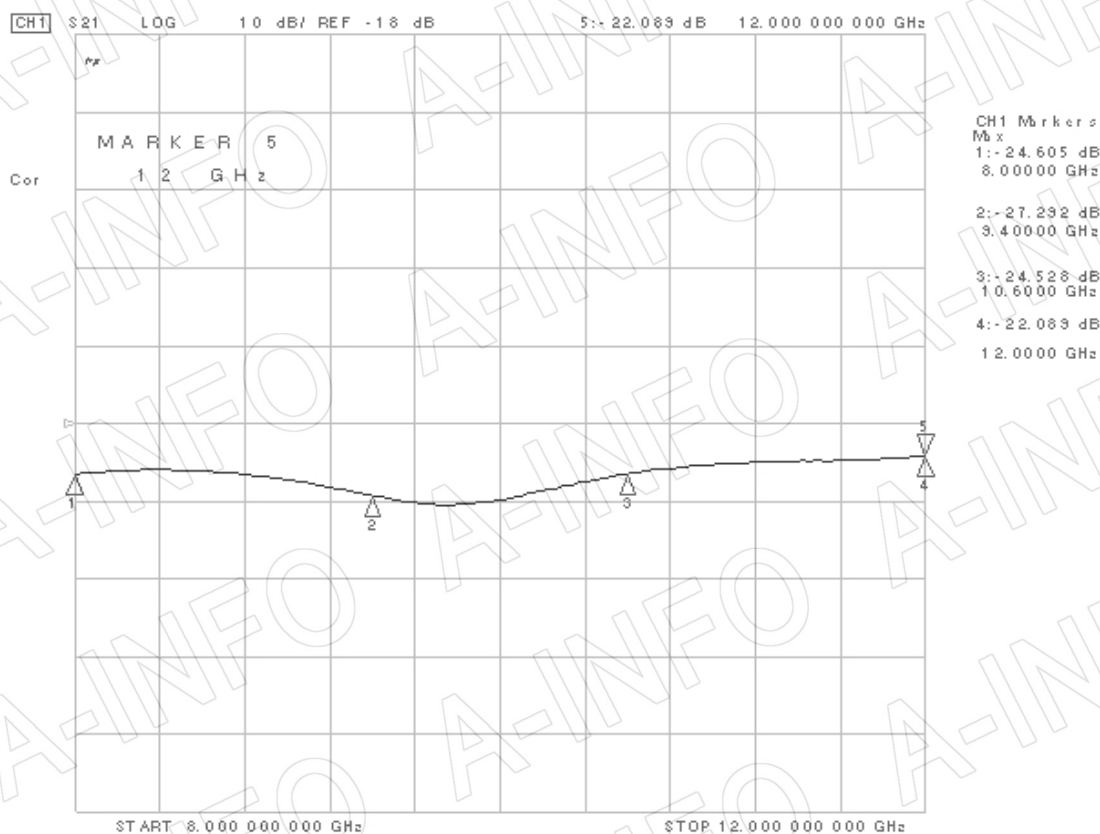
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

I.L.(Including the theoretical loss 3.0dB) & VSWR



Isolation



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Amplitude Balance & Phase Balance & VSWR

CH1 S11 SWR 500 m / REF 1 5: 1.1365 11.380 000 000 GHz
 CH2 S12 / M LOG .5 dB / REF 0 dB 5: .03700 dB 12.000 000 000 GHz
 CH3 S12 / M PHA 5 ° / REF 0 ° 5: 1.5238 ° 11.300 000 000 GHz
 CH4 S22 SWR 500 m / REF 1 5: 1.1884 11.000 000 000 GHz

