

PRODUCT SPECIFICATION

40 dB DUAL DIRECTIONAL COUPLERS WIDEBAND 20 - 2,500 MHz



FC SERIES

Filtronic Signal Solutions introduces a series of high power broadband 40 dB Dual Directional Couplers to support emerging needs for electronic countermeasures systems. The couplers feature low insertion loss & power handling capability rated up to 200W (CW).

FEATURES

- 40 dB Standard Coupling Value
- Electronic Countermeasures Bands
- 200W (CW) Power Handling Capability
- Robust Package Design
- VSWR 1.2:1 Max

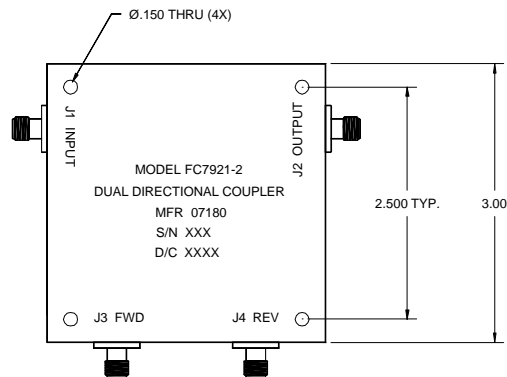
SPECIFICATIONS

Frequency (MHz)	Coupling ¹ (dB)	Flatness ² (dB)	Return Loss min (dB)	Loss ³ max (dB)	Directivity min (dB)	Power Handling max CW (W)	Connector Type	Model Number
20 -1,000	40 ±2	± 0.4	21	0.2	20	200	SMA	FC7921-2
570-2500	40 ±2	± 0.5	21	0.3	20	25	SMA	FC0525-1

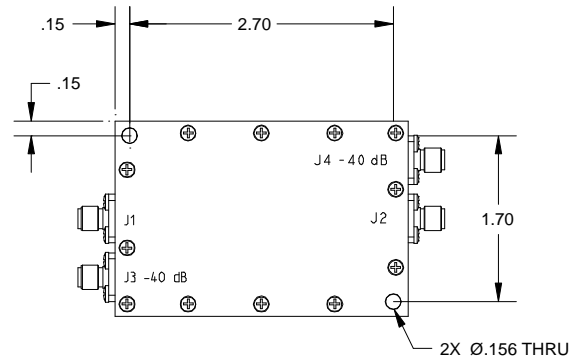
NOTES:

1. FC7921-2 Coupling specification valid 60-1,000 MHz.
2. Flatness specifies the maximum coupling variation within the coupling range.
3. Loss is the actual dissipated and reflected loss. It does NOT include coupling loss.

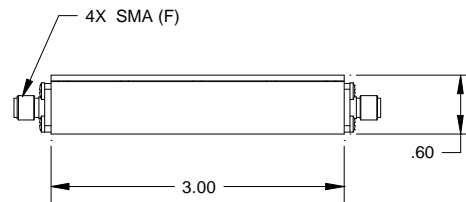
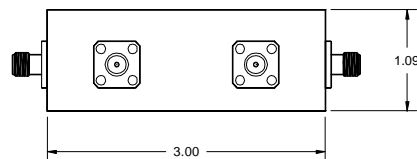
OUTLINE DRAWINGS



FC7921-2



FC0525-1



Specification Revision - 070706

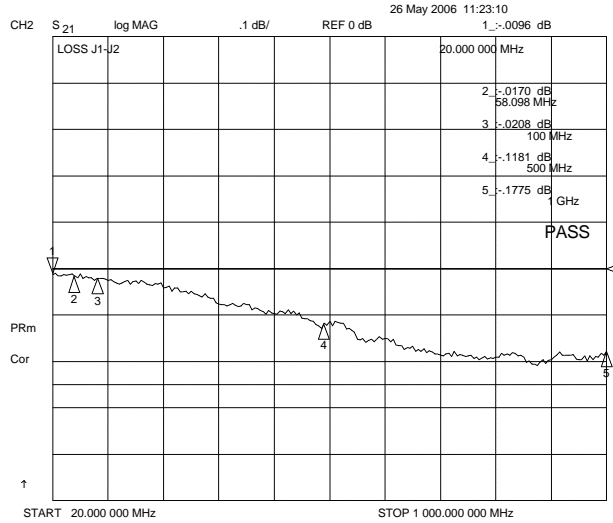
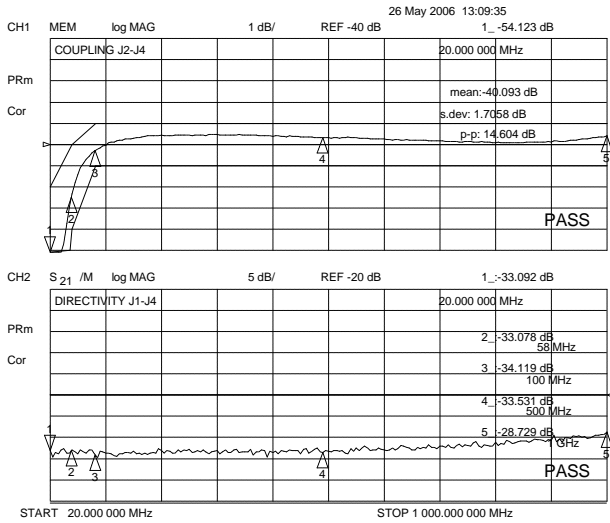


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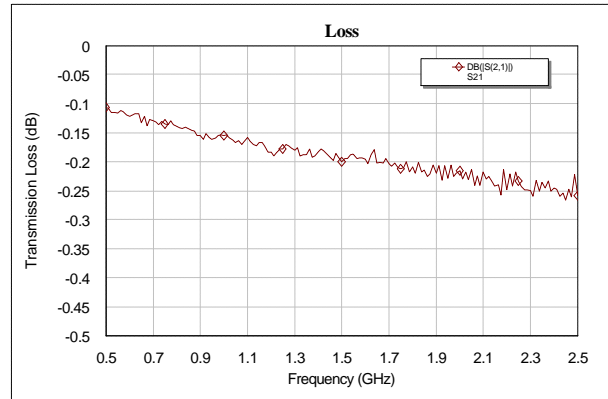
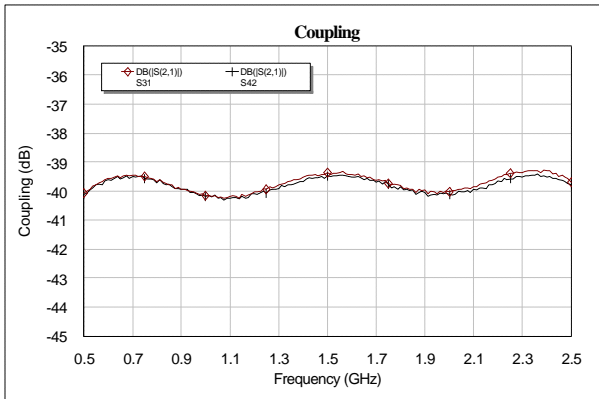
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TYPICAL PERFORMANCE

FC7921-2:



FC0525-1:



MISCELLANEOUS:

1. Sage Laboratories Inc. "Standard Warranty and Order Terms and Conditions" apply to all orders.
2. All specifications subject to change without notice.
3. Contact our local Manufacturers Representative for pricing.



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