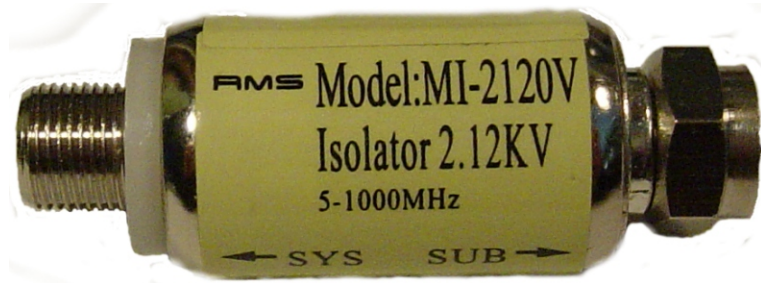




# MI-2120V Isolator

Bandwidth 5MHz - 1GHz



The isolator offers a degree of protection for electronic/cable equipment from electrical transients. Also it may reduce or eliminate 50/60 cycle hum if it is causing interference with a TV, modem ect.

**PLEASE SEE NOTE BELOW BEFORE USING.**

## Features:

- Bandwidth 5MHz to 1GHz
- Unique triple shielded case design achieves excellent RFI shielding of >-85dB
- Premium ferrites and capacitors
- Laminated ID label that will not fade
- Precision male "F" connector with machined center pin & "O-Ring" assures 100% contact integrity & weatherproofing seal.
- Each unit is individually packaged with
- 100% quality control at our factory
- 360 degree F61 center conductor contact seizure provides high holding force, and excellent wiping action.
- Meets EN-50083-1 safety requirements
- Galvanic isolation of >2.12KV (0.7mA leakage current 230V RMS 50/60Hz not exceeding 2.0mA RMS)
- Small size 2.08" (53mm) X 0.75" (19mm)
- Nickel plated housing
- CE approved

Please Note: Hazardous voltage may exist across isolator please check local regulations if it is permitted to use this device as it does break the common ground and if the appliance it is connected to has a "hot chassis" it may cause a shock ect. It is recommended that this device should be installed in a protective housing or covered with heat shrink or approved electrical tape.

Available through

**Multicom, Inc.**

1076 Florida Central Parkway, Longwood, FL 32738

Ph: 407-331-7779 Toll Free: 800-423-2594 Fax: 407-339-0204

[www.multicominc.com](http://www.multicominc.com)

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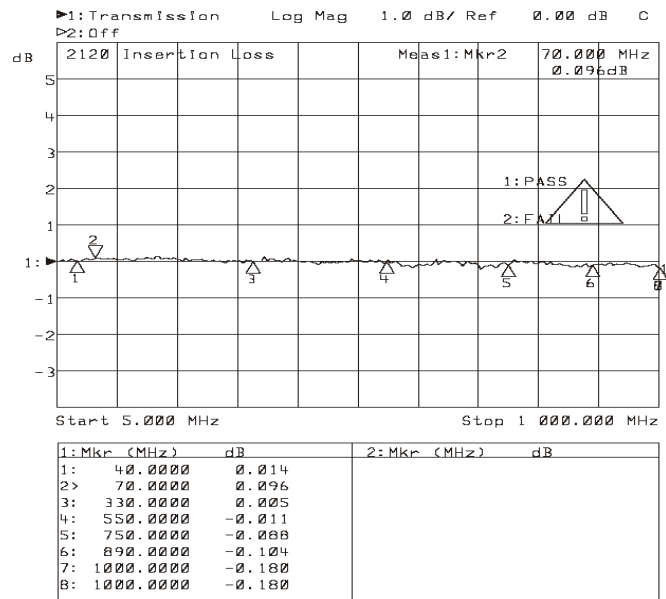
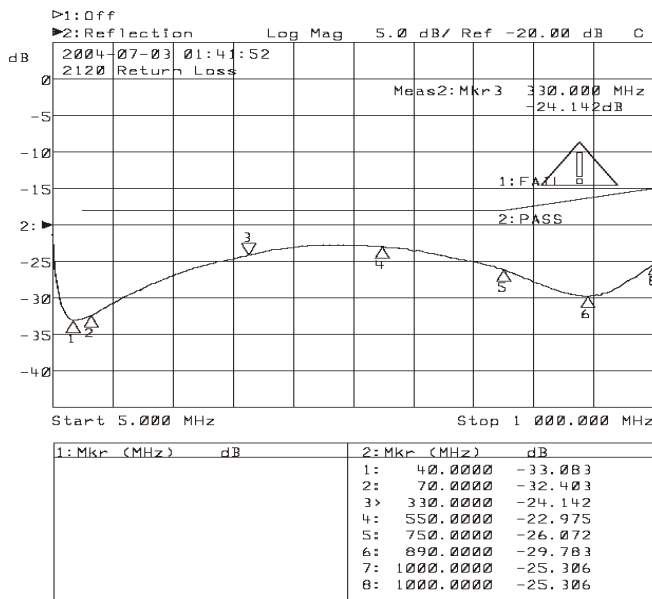


# MI-2120V Isolator

Bandwidth 5MHz - 1GHz

Specifications	Frequency		
Parameter	Hz	Typical	A
Insertion Loss (Max dB)	5 - 50	0.2	0.3
	50 - 450	0.4	0.5
	450 - 750	0.4	0.5
	750 - 1000	0.7	0.8
Return Loss (Min dB)	5 - 50	22	20
	50 - 450	22	20
	450 - 750	22	20
	750 - 1000	20	18
Breakdown Voltage	DC 3KV (No less than 1 minute) Maximum Leakage Current 0.2mA		
Impedance	75 ohm		

## Typical Plots



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