



# EQ-X\* M/F Inline Equalizers

Available in: 2dB, 3dB, 4dB, 5dB, 6dB & 8dB



These RMS EQ equalizers have been designed for indoor/outdoor use. Each unit has been tested to 15psi (water test), The female contacts (F61) have a neoprene insert with a 360 degree contact which provides a high holding force. The male connector has an integrated "O Ring"

## Features:

- Bandwidth 5MHz to 1GHz
- RFI Shielding >-120dB
- All surface mounted devices (SMD) for consistency in spec and long term reliability
- Premium ferrites, resistors and capacitors
- Laminated ID label that will not fade
- Precision machined center pin
- Precision machined "F" ports that are SCTE compliant
- Each unit is individually packaged with 100% quality control at our factory
- Water proof test at 15psi
- 360 degree center conductor contact seizure provides high holding force, and excellent wiping action.
- Light weight, compact size, easy to install
- F61 (female) contact has a neoprene insert and the F male has an integrated "O Ring" which assures 100% sealing
- Excellent specifications slope loss at 1GHz <1dB
- Non power passing
- CE approved

**RMS Communications Inc**

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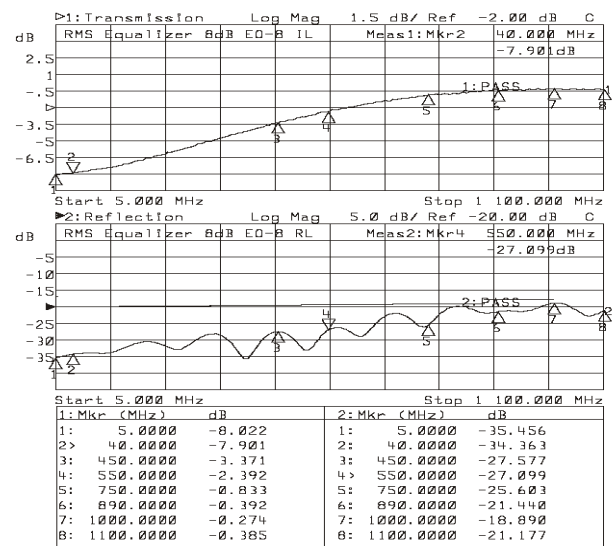
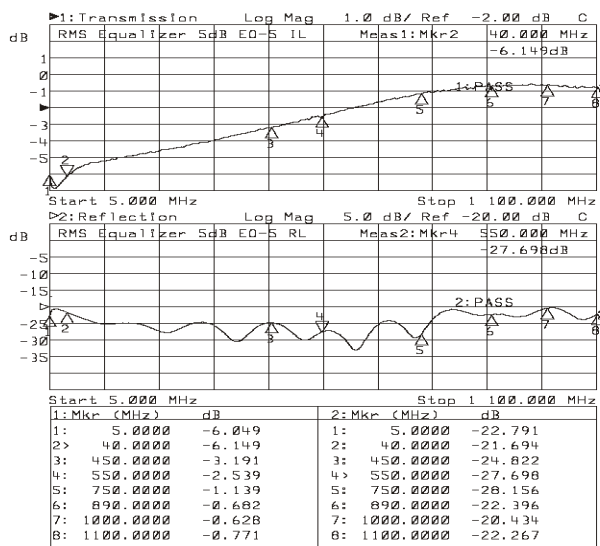
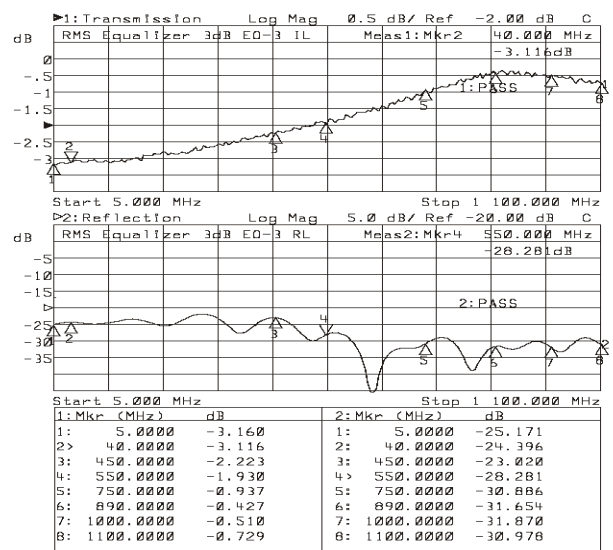
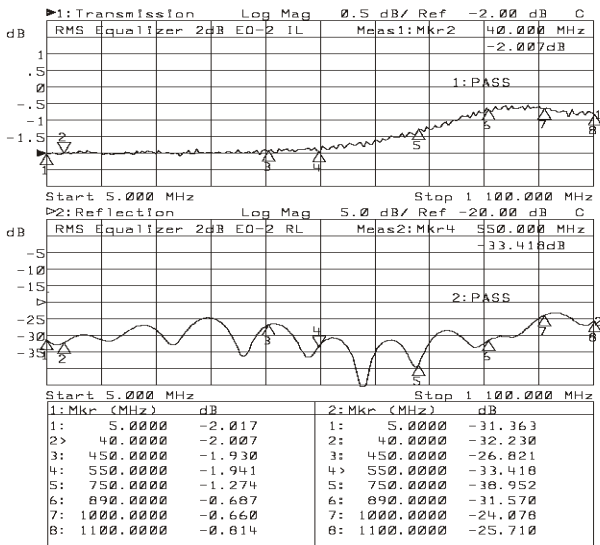
# RMS

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RMS EQ Equalizers Specifications	Frequency	EQ-2		EQ-3		EQ-4		EQ-5		EQ-6		EQ-8	
		Max	Typical	Max	Typical	Max	Typical	Max	Typical	Max	Typical	Max	Typical
Slope Loss (-dB)	5 - 45MHz	2+/-0.8	2	3+/-0.8	3	4+/-0.8	4	5+/-0.8	5	6+/-0.8	6	8+/-0.8	8
	1000MHz	0.6+/-0.9	0.6+/-0.5	0.6+/-0.9	0.6+/-0.5	0.6+/-0.9	0.6+/-0.5	0.6+/-0.9	0.6+/-0.5	0.6+/-0.9	0.6+/-0.5	0.6+/-0.9	0.6+/-0.5
Return Loss (-dB)	5 - 1000MHz	20	24	20	24	20	24	20	24	20	24	20	24
Operating Temperature	<----- ----- -40C to +60C (-40F to +140F) ----->												
Pass Band (MHz)	<----- ----- 5 - 1000MHz ----->												
Housing Dimensions	<----- ----- ----->												

## Typical Plots



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