



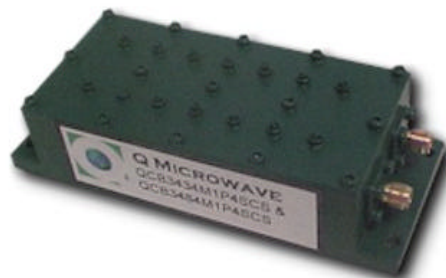
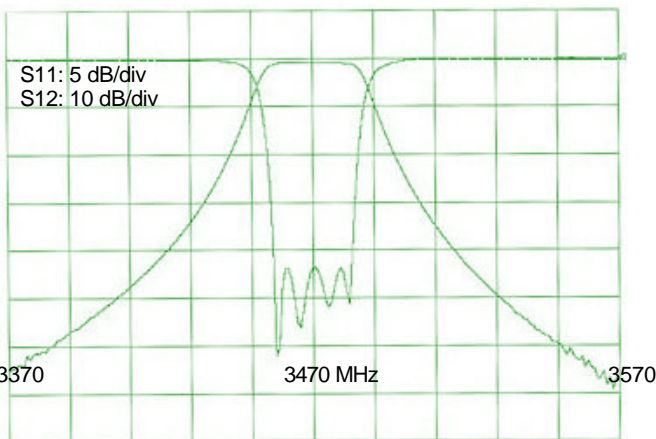
# Q Microwave

THE FAST FILTER COMPANY

## 3.5 GHz FILTER PRODUCT LINE

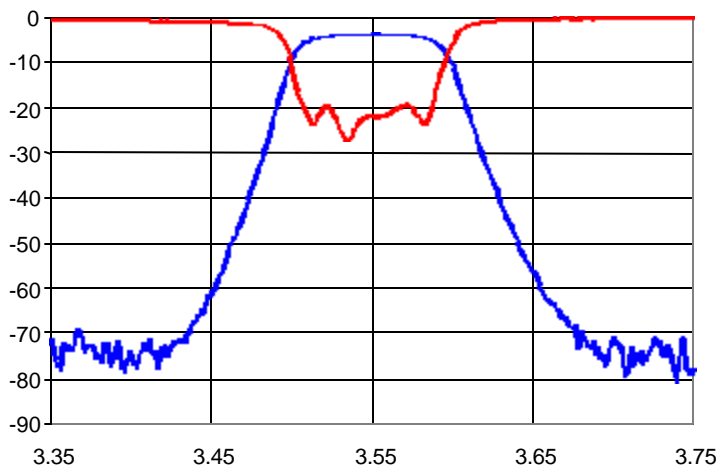
**Q Microwave, Inc.**, the FAST microwave filter company, announces the launch of its 3.5 GHz Filter Product Line in response to demand by wireless LAN and other ISM band system designers. Current products include our high-performance and standard-performance SMT ceramic filters. For information on these and other 3.5 GHz filter products, contact us by phone at 619-258-7322, fax 619-258-7516, sales@qmicrowave.com, or visit us online at www.qmicrowave.com.

**3.5 GHz Basestation Dual Filter** achieves excellent loss and rejection performance in a dual-channel configuration. It is compatible with typical radio module designs requiring higher performance channel selectivity. Electrically, the filter provides 2.2 dB of insertion loss over a 28 MHz passband with 27 dBc of rejection at a 72 MHz bandwidth and 50 dBc at 172 MHz bandwidth. Prices for this filter are as low as US\$50 in quantities with prototype delivery in 4 to 8 weeks ARO.



Parameter	Capability
Center Frequency (Fc)	3300-3700 MHz (Two Channels)
1 dBc Passband	28 MHz
Insertion Loss	1.2 dB max at Fc
VSWR	1.7:1 max in passband
Rejection	27 dBc @ Fc +/- 14 MHz 50 dBc @ Fc +/- 86 MHz
Power	45 dBm
Input / Output	SMA connectors
Outline	4.56 x 1.79 x 1.18 inches

**3.5 GHz Ceramic Filter** provides great performance in an extremely small package. At a mere 0.2 inch high, it is easily integrated into even the most challenging configurations. Electrically, it nominally provides 20 dBc of rejection at an 500 MHz bandwidth and 2.5 dB of insertion loss over a 150 MHz passband. Pricing is as low as US\$10 in quantities with prototype delivery in 2 to 4 weeks ARO.



Parameter	Capability
Center Frequency (Fc)	3300-3700 MHz
Passband	17 MHz
Insertion Loss	3.0 dB max in passband
VSWR	1.5:1 max in passband
Rejection	15 dBc @ Fc +/- 43 MHz
Power	30 dBm
Input / Output	SMT
Outline	0.32 x 0.39 x 0.16 in. (approx.)