



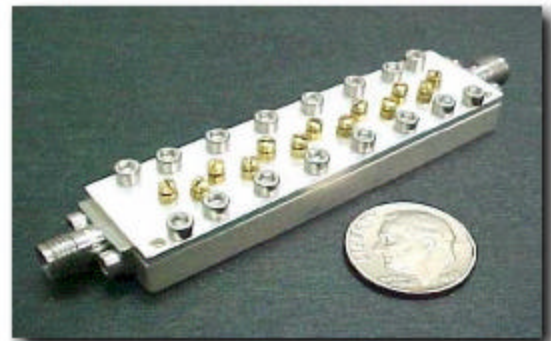
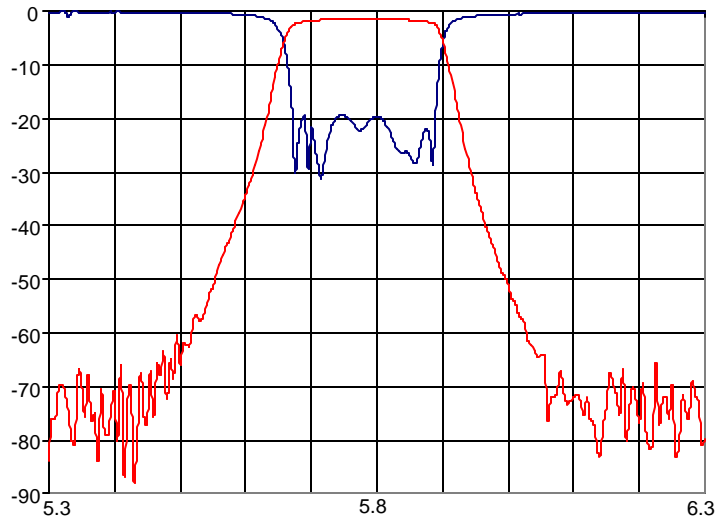
# Q Microwave

THE FAST FILTER COMPANY

## 5.8 GHz FILTER PRODUCT LINE

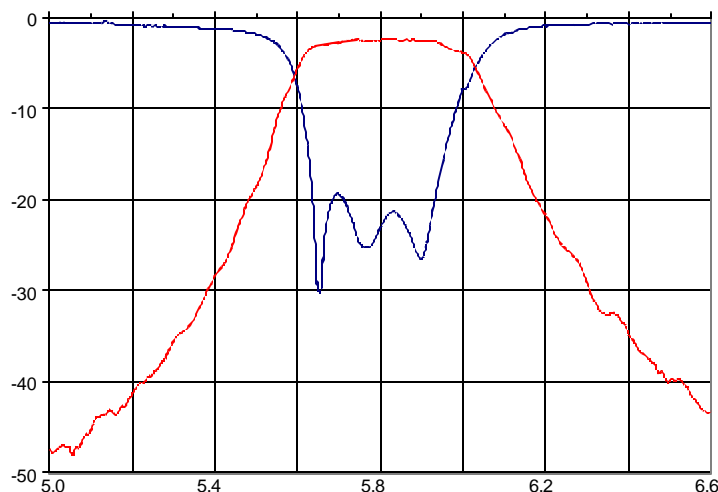
**Q Microwave, Inc.**, the FAST filter company, announces the launch of its 5.8 GHz Filter Product Line in response to demand by wireless LAN and other ISM band system designers. Current products include our streamlined base-station filter and our Surface Mount filter. For information on these and other 5.8 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.

**5.8 GHz Basestation Filter** achieves excellent loss and rejection performance in a streamlined package. At only 0.4 inch high, it is compatible with typical rack-mounted board designs. Electrically, the filter provides 1.5 dB of insertion loss over a 100 MHz passband and 50 dBc of rejection at a 500 MHz bandwidth. Prices are as low as US\$30 in quantities with prototype delivery in 4 to 8 weeks ARO.



Parameter	Capability
Center Frequency (Fc)	5.7-5.85 GHz
Passband	100 MHz
Insertion Loss	1.7 dB max in passband
VSWR	1.5:1 max in passband
Fine-Grain Ripple	0.1 dB max in passband
Rejection 50 dBc	Lower: Fc-250 MHz Upper: Fc+250 MHz to 26 GHz
Power	45 dBm
Input / Output	SMA, pins, or surface mount
Outline	2.5 x 0.66 x 0.4 inches

**5.8 GHz SMT Filter** provides great performance in low cost SMT packaging. At a mere 0.2 inch high, it is easily integrated into even the most challenging configurations. Electrically, it nominally provides 2.5 dB of insertion loss over a 100 MHz passband and 20 dBc of rejection at an 800 MHz bandwidth out to 14 GHz. Pricing is as low as US\$15 in quantities with prototype delivery in 2 to 4 weeks ARO.



Parameter	Capability
Center Frequency (Fc)	5.7-5.85 GHz
Passband	100 MHz
Insertion Loss	3.0 dB max in passband
VSWR	1.5:1 max in passband
Rejection 20 dBc	Fc +/- 400 MHz Typically held out to 14 GHz.
Power	30 dBm
Input / Output	SMT
Outline	0.81 x 0.545 x 0.2 inches