

## A Microwave Active Bandstop Filter with Tunable Centre Frequency

---

*R.G. Arnold and S.P. Marsh. "A Microwave Active Bandstop Filter with Tunable Centre Frequency." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1313-1316.*

An active bandstop notch filter based on a gyrator design is described. The realised filter produces an adjustable centre frequency range greater than an octave in the UHF and low microwave frequency bands. The design is capable of moderate quality factors and notch depths better than -45dB.

 [Return to main document.](#)