



L-Band Tunable Bandpass Filters

8398 Series

These field-tunable bandpass filters reject undesired L-band transmissions operating above and below the tuned passband.

Common Applications:

- C-band Downconversion
- Global Navigation Satellite Systems (GPS, Galileo, GLONASS)
- Digital Audio Broadcasting (DAB)
- Amateur Radio (23 cm Band)

Features:

- Models available with narrow or wider bandwidth
- No tuning tools required - easy-to-use knob controls
- Choose from 50 or 75 ohm configurations
- DC Passing



Model:	8398(X)(Y)-15	8398(X)(Y)-30
Description:	Tunable BPF - Narrow BW	Tunable BPF - Wider BW
Tuning Range (Fo):	900 - 1750 MHz	900 - 1750 MHz
Insertion Loss @ Fo:	0.5 - 1.0 dB Typ*	0.2 - 0.7 dB Typ*
Bandwidth (3 dB Relative):	12-15 MHz Typ*	20-30 MHz Typ*
Rejection +/- 20 MHz from Fo:	20-25 dB Typ*	-----
Rejection +/- 30 MHz from Fo:	-----	15-20 dB Typ*
Dimensions:	8.1" x 4.5" x 2.6" (206mm x 114mm x 66mm)	8.1" x 4.5" x 2.6" (206mm x 114mm x 66mm)
Tuning Actuation:	Triple Knob	Triple Knob

* Actual results are frequency-dependent and assumes all (3) tuners are aligned to the same Fo.

Ordering Information:

8398(X)(Y)-15 or 8398(X)(Y)-30

(X) = Connector Type (female) = (B) BNC = (S) SMA = (N) N = (F) F

(Y) = Impedance = (50) 50 ohm = (No Designation) 75 ohm

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