



L-Band Tunable Notch Filters

Series 8976

These versatile field-tuned notch filters remove undesired L-band transmissions with minimal effect on the desired band.

Common Applications:

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

Features:

- Wide Operating Passband - DC to 2500 MHz (excluding notch region)
- Single and Dual Notch Models Available
- No Tuning Tools Required - Easy-to-Use Knob Controls
- Available in 75 ohm or 50 ohm Configuration



Model	Description	Tuning Range	Notch Depth	3 dB Bandwidth	Tuning Actuation
8976	Single Notch	900 - 1750 MHz	15-18 dB Typ	3.0 MHz Typ	Single Knob
8976-2	Dual Notch	900 - 1750 MHz	30-35 dB Typ*	3.5 MHz Typ*	Dual Knob**

* Both notches tuned to same frequency.

** Independent Tuning – May be tuned to same notch frequency (for deeper notch) or two separate frequencies (for dual carrier/wideband notching).

Ordering Information:

8976(X)(Y) - Single Notch Model

8976(X)(Y)-2 - Dual Notch Model

(X) = Connector Type

= (B) BNC-female

= (S) SMA-female

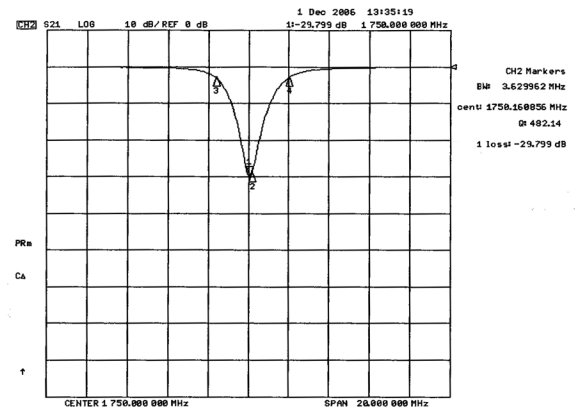
= (No Designation) F-female

(Y) = Impedance

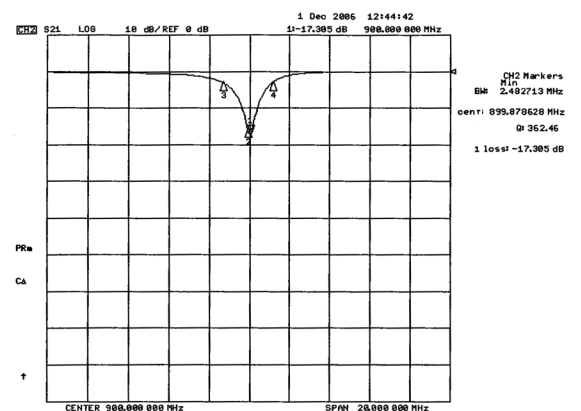
= (50) 50 ohm

= (No Designation) 75 ohm

Example: **Model 8976B50-2** = Dual notch w/50 ohm BNC-female connectors



Model 8976-2 Typical Response



Model 8976 Typical Response

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