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MINI-POLE Notch Series

MINI-POLE® Notch Filters are optimized for small physical size and low power consumption. Two standard package styles are available (PC-Mount and SMA).



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Specifications

Frequency Coverage (5 bands):	1.5 MHz to 200 MHz
Input/Output Impedance:	50 Ω
Inband RF Power Handling:	1 Watt (input)
Passband Third Order Intercept Point:	+50 dBm (input, $f_0 > 30$ MHz)
Passband Insertion Loss:	1 dB (max)
Passband VSWR:	2:1 (max)
Tuning Control:	8 bit parallel
Tuning Speed:	10 μS ($f_0 > 30$ MHz, +10 dBm reference)
DC Power:	+5 VDC @ 10 to 250 mA +100 VDC @ 1mA
Operating Temperature Range:	-40 to + 85°C
Center Frequency Drift:	80 PPM/°C

Performance Product Numbering Table Interface and Control Notes Package Outline Pinout and Ratings

The following plots illustrate approximate performance (not representative of all frequency ranges):

MINI 90-200, 20dB Notch (@150MHz)

MINI 90-200, 20dB Notch (@200MHz)

MINI 90-200, 20dB Notch (@90MHz)

MINI 90-200, 20dB Notch (Broadband)

Contact Sales

The Pole/Zero Sales and Marketing team is a highly qualified group of engineers who can relate to your design problems and provide expert assistance. They make sure you get the right components at the right time and price.

Feel free to call upon our sales team (513) 870-9060 at any time. They are here to assist you and are happy to do so.

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