
Specifications

- The pass-band gain of all filters (except custom) is normalized to 1.
- The group delay of all filters is 0.
- The maximum number of coefficients for all filters is less than 1000.
- The number of input data points in memory should exceed that of coefficients by a factor of 10.
- The minimum transition region width is 1% of the sample rate.
- Edge frequencies for the low-pass, high-pass, band-pass, and band-stop filters are a minimum 1% of the sample rate. (It is possible to further reduce the lower limit by using a multirate filter system using multiple filters and an identity — sparse — function.)
- The grain (minimum step) for setting frequencies is 0.1% of the sample rate; for widths it is 0.02% of the sample rate; and for fractions (e.g., ?) it is 0.1%.

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LeCroy Digital Filter Package

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