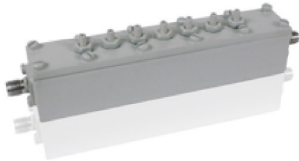




CC Series

Custom Cavity Bandpass Filter



Overview

MtronPTI offers a full line of high "Q," low-loss custom combline cavity filters. The series CC filter line is a low ripple Chebyshev design which covers the frequency range from .4 GHz to 18 GHz. Two to fourteen section designs may be specified with bandwidths ranging from .5 to 60%

Typical electrical parameters which can be extended or improved include insertion loss, VSWR, power handling and spurious response suppression. Consult the factory for applications requiring non-standard frequencies, bandwidths or other parameters.

Specifications

Electrical Specifications	
Center Frequency Range	0.3 to 18 GHz
Min. 3dB Relative Bandwidth (in % of center frequency)	0.5 - 60%
Nominal Impedance	50/75 Ohms
Maximum VSWR at Center Frequency	1.5:1
Number of Sections	2 to 14
Environmental Specifications	
Shock	5 G's
Vibration	5 G's
Humidity	90%
Altitude	Unlimited
Operating Temperature	0° to 50°C
Non-Operating Temperature	-54° to +125°C



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MtronPTI may change specifications without notice to improve end application performance or product manufacturability.
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Please contact MtronPTI for latest information.

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