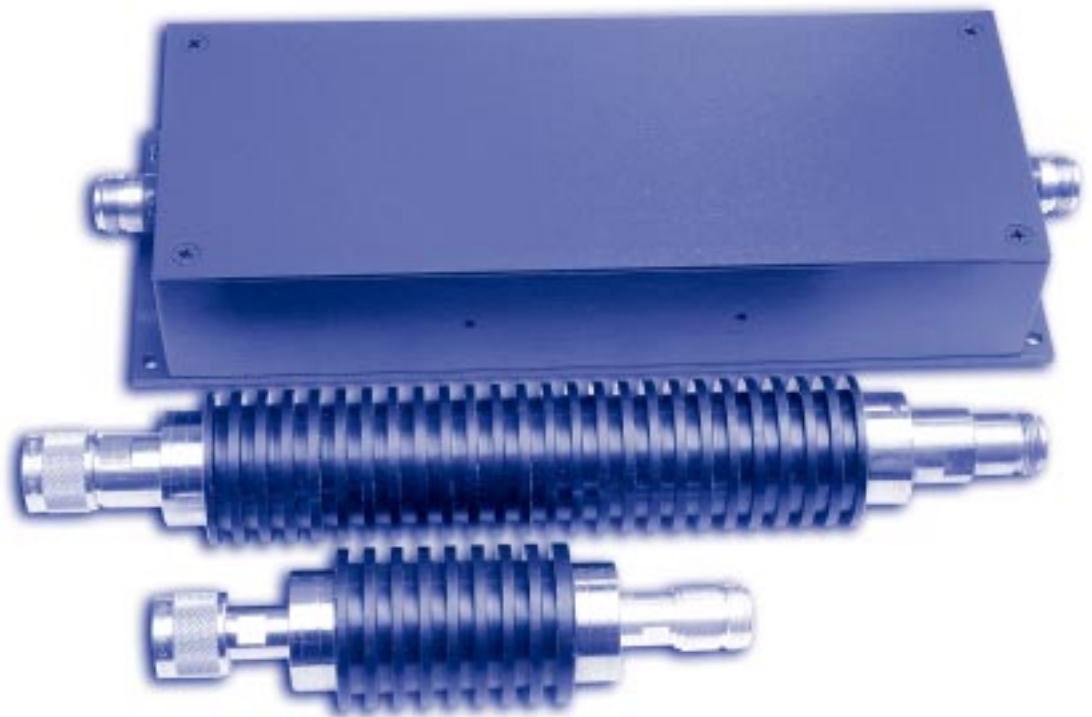




High Power Filters

Reactel's High Power Filters are available in either LC or tubular designs. These stout units can be made in either bandpass, lowpass, or highpass designs. Most units are designed to be used with convection cooling, forced air cooling or heat sink plates. All units are available with EIA Flanges or High Power RF Connectors. Please contact us so we may design the filter which is a perfect fit for your requirement.





Part Numbering System

4 P B 4 - 100 - 10 N 1 1
1 2 3 4 5 6 7 8 9

Part Number Definition:

- 1- Number of Sections
- 2- High Power Designator
- 3- B = Bandpass, L = Lowpass, H = Highpass
- 4- Series Definition
- 5- Center Frequency (omit for lowpass and highpass)
- 6- 3 dB Bandwidth (bandpass) or
3 dB Cutoff (lowpass)
- 7- Connector Definition (see page 31)
- 8- Input Connector Type
- 9- Output Connector Type



High Power Filter Specifications

	Lowpass	Bandpass	Highpass
Frequency Range	5 - 1000 MHz	5 - 3000 MHz	5 - 3000 MHz
Power Capacity	up to 25 kW	up to 5 kW	up to 5 kW
Impedance	50Ω	50Ω	50Ω
Maximum VSWR	1.5:1	1.5:1	1.5:1
Number of Sections	2-10	2-10	2-10
Shock	30G	30G	30G
Vibration	10G	10G	10G
Operating Temperature	-55° to +125 °C	-55° to +125 °C	-55° to +125 °C
Altitude	Space Rated	Space Rated	Space Rated
Humidity	up to 95%	up to 95%	up to 95%