

High Power Filters

Lowpass, Highpass, Bandpass Duplexer & Multiplexer

Filters

Excellent Electrical Performance

Low VSWR and Low Insertion Loss

Small Size

Extended Stopbands



Peak Power kW	Average Power W	Insertion Loss dB	Frequency MHz
2.5	300	0.6	950-1300
8.0	250	0.4	1015-1045
-	300	0.8	200-300
1.0	400	0.5	500-1000
1.0	600	0.5	700-900
-	2000	0.5	2000-2700
1.0	100	0.5	2500-5000
-	250	1.0	2000-7500
-	200	1.0	7500-18000

DESCRIPTION The Microphase High Power Filters provide RF frequency filtering as specified, with the ability to handle high levels of RF energy. These filters have uses in many types of military applications including: EW, radar and communications systems. They also have applications in weather and commercial systems.

ADVANTAGES The main advantage of the Microphase designed and engineered High Power Filters are their small size and excellent RF performance with low Insertion Loss and minimum heat build-up, therefore requiring less heat cooling. Other important advantages are their excellent power handling ability, low VSWR and extended stopbands. You get excellent electrical performance, environmental stability and mechanical reliability. These units can be adapted for custom configurations. Compact and very rugged, all of our products are 100% tested, and readily available. These components can be designed to your specifications.

These units can be designed to your specification. Please contact Microphase for your special design requirements.