

# Highpass Filter

Sharp selectivity, Low Loss, High Rejection  
& Excellent Frequency Stability

Superior Electrical Performance

Low Loss and VSWR

Extended Passband Range

Filters



**DESCRIPTION** The Microphase Highpass Filter will pass all frequencies from 20 MHz to 2000 MHz and block all frequencies below 15 MHz by -60 dB. The Highpass Filter has uses in many types of military applications including: RF communication and navigation systems.

**ADVANTAGES** The main advantages of the Microphase designed and engineered Highpass Filter are its small size and superior electrical performance with an extended passband range up to 100 times the cut-off frequency. Other important advantages are its sharp selectivity, low loss, high rejection and excellent frequency stability. You get excellent electrical performance, environmental stability and mechanical reliability. This light weight unit can be adapted for custom configurations. Compact and very rugged, all products are 100% tested, and readily available. This component can be designed to your specifications.

## SPECIFICATIONS

Cut-off Frequency	20 MHz
Passband Frequency	20-2000 MHz
Insertion Loss	2.0 dB min.
VSWR	1.5:1
Rejection (DC to 15 MHz)	60 dB
Size (excluding connectors)	1.8" L x 0.70" W x 0.5" H
Connectors	SMA female

*This unit can be designed to your specification. Please contact Microphase for your special design requirements.*