AFH1S58X High Pass Filter

AMP’s AFH1S58X filter is designed for use on 5.8 GHz ISM receivers. When placed in-line between the receiver and antenna, the filter provides greater than 30 dB of attenuation below the 5.8 GHz band. These filters are an effective way to reduce interference from other communication devices that may be interfering with your signal.

The AFH1S58X filter is a compact, yet rugged filter designed to IP67 for good environmental sealing. If the AFH1S58X filter does not meet your exact specification, contact us for a custom solution.

**Specifications**

**Passband Characteristics**
- Frequency Range: >5.7 GHz
- Insertion Loss: <1.0 dB, Typical
- VSWR: <2:1

**Stopband Characteristics**
- Frequency Range: <4000 MHz
- Insertion Loss: >25 dB
- VSWR: >20:1

**Power Handling**
- Maximum: 7 Watts @ 25C*

**Coupling**
- Standard: AC
- Optional Integrated Bias Tees: DC, 150 mA Maximum

**Mechanical Characteristics**
- Dimensions: 1.25" x 1.00" x 0.50"
- Material: CNC Machined T6061-T6 Aluminum
- Finish: Clear Iridite
- Weight: <1 oz.
- Connectors: SMA Female

**Environmental**
- Temperature: -20C to +50C
- Seal Rating: IP67

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