AMS-AFL1S43X-B

**AFL1S43X 433 MHz ISM Low Pass Filter**

AMP's AFL1S43X filter is designed for use on 433 MHz ISM receivers. When placed in-line between the receiver and antenna, the filter provides greater than 30 dB of attenuation above the 433 MHz band. These filters are an effective way to reduce interference from other communication devices that may be interfering with your signal.

The AFL1S43X filter is a compact, yet rugged filter designed to IP67 for good environmental sealing. If the AFL1S43X filter does not meet your exact specification, contact us for a custom solution.

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**Specifications**

- **Passband Characteristics**
  - **Frequency Range:** <450 MHz
  - **Insertion Loss:** <1.0 dB, Typical
  - **VSWR:** <2:1

- **Stopband Characteristics**
  - **Frequency Range:** >675 MHz
  - **Insertion Loss:** >30 dB
  - **VSWR:** >20:1

- **Power Handling**
  - **Maximum:** 10 Watts @ 25°C*

- **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:** -20°C to +50°C
  - **Seal Rating:** IP67