ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

# 12000 MHz Low Pass Filter

## Part Number: AE12000L9225

ISO 9001 REGISTERED FIRM

## Electrical Specifications

**Cutoff Frequency (Fc):** 12000 MHz
**Passband:** DC-12000 MHz
**Insertion Loss:** ≤0.4dB @ 9200-9500 MHz
**Insertion Loss2:** 1.2dB @ 12000MHz
**VSWR:** ≥1.5:1 @ 9200-9500 MHz
**VSWR2:** ≥1.785:1 @12000 MHz
**Rejection:** ≥ 25dB @ 14400 MHz
**Rejection:** ≥ 55dB @ 18000 MHz
**Rejection:** ≥ 55dB @ 25000 MHz
**Impedance:** 50 Ohm
**Power Handling:** 50 Watts

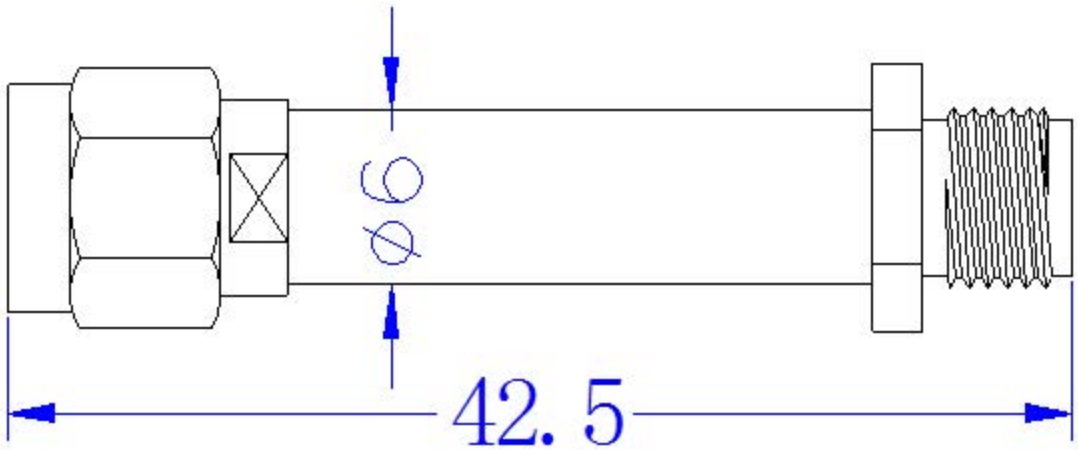
## Mechanical

**Connector Type:** SMA(F) & SMA(M)
**Dimensions:** 7 mm Dia x 42.5 mm Long

## Environmental

**Operating Temperature:** -45°C to +85°C
**Storage Temperature:** -55°C to +95°C
**Shock:** 10 G. 11ms
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:




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