



# Single In/Out Dual Band Cavity Filter

## 896-915/941-960 MHz



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE905-950SDB1250**

### Electrical specifications

**Band 1:** 896-915 MHz  
**Band 2:** 941-960 MHz  
**Insertion Loss (Band 1 and Band 2):** <1.5 dB  
**Return Loss:** >18 dB  
**Band 1 Rejection:** >60 dB @ 941-960 MHz  
**Band 2 Rejection:** >60 dB @ 896-915 MHz  
**Rejection:** >60 dB @ 890 MHz  
**Impedance:** 50 Ω  
**Power:** 100 W CW

### Mechanical

**Connector Type:** DIN (F)  
**Dimensions:** 6.42 x 5.00 x 2.32 inches

### Environmental

**Temperature Range:** -20 to +70° C  
**Humidity:** 5% to 95%  
**Climatic Condition:** Outdoor  
**Surface Finish:** Black

### Outline Drawing:

