



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

**138-156 /152-175 MHz VHF Duplexer**

**Part Number: AE147-163DB5462**



**Electrical Specifications**

**Frequency Spacing:** 4-6 MHz  
**Frequency range:** 138 – 156 MHz ,152 - 175 MHz  
**Insertion Loss ANT-TX:** <1.5 dB  
**Insertion Loss ANT-RX:** <1.5 dB  
**RX Isolation ANT-RX:** >80 dB  
**TX Noise suppression TX-ANT:** >80 dB  
**Max. Input Power (Continuous-duty):** 50 Watts  
**Return Loss:** 15dB Min.  
**Impedance:** 50 Ohms

**Mechanical**

**Connector Type:** N (F)  
**Dimensions:** 7.5" x 6" x1" in.(30X156X232 mm)

**Environmental**

**Operating Temperature:** -40°C to +70°C  
**Storage Temperature:** -55°C to +100°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

**Outline Drawing**

