



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

## 5633-5654 MHz Band Pass Filter

Part Number: AE5643B11569



### Electrical Specifications

**Center Frequency:** 5666 MHz  
**Frequency Range:** (5655-5677 MHz)  
**0.5 dB Passband bandwidth:** 22 MHz  
**Insertion loss:** <0.8 dB  
**Return Loss:** 14.0 dB Min.  
**Stop Band Attenuation:**  
5625.5 MHz: 42 dBc Min.  
5706.5 MHz: 42 dBc Min.  
**Power:** +30 dBm (1 Watt)  
Painted GREEN with epoxy or powder coat  
paint to prevent corrosion  
Must state "TDWR STALO BPF FOR SITES AT  
5626-5650 MHz"

### Mechanical

**Mounting Method:** Thru Mounting Holes  
**Connector Type (Input/Output):** SMA (F)  
**Dimensions:** 9.80 x 1.80 x 1.00 in.

### Environmental

**Operating Temperature:** 25°C to +30°C  
**Storage Temperature:** -50°C to +100°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz  
Thermal Cycling MIL-STD-202 Method 107,  
Test B1 or equivalent.  
Vibration Random MIL-STD-810B para 4.5.2  
method 514, procedure V or equivalent.

### Outline Drawing:





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## Response Plot:

RFQ20180913-WGBPF-5666 MHz

