



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2350 MHz Cavity Bandpass Filter for Outdoor



Part Number: AE2350B12311-SFRPTF-O

Electrical specifications

Center Frequency: 2350 MHz
Bandwidth: 300 MHz
Passband: 2200 - 2500MHz
Passband Insertion Loss: ≤ 1.0 dB
Passband Return Loss: ≥ 15 dB
Rejection: ≥ 40 dBc @ 2100 MHz
Rejection: ≥ 40 dBc @ 2600 MHz
Rejection: ≥ 90 dBc @ 4400 – 8000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 150 W CW

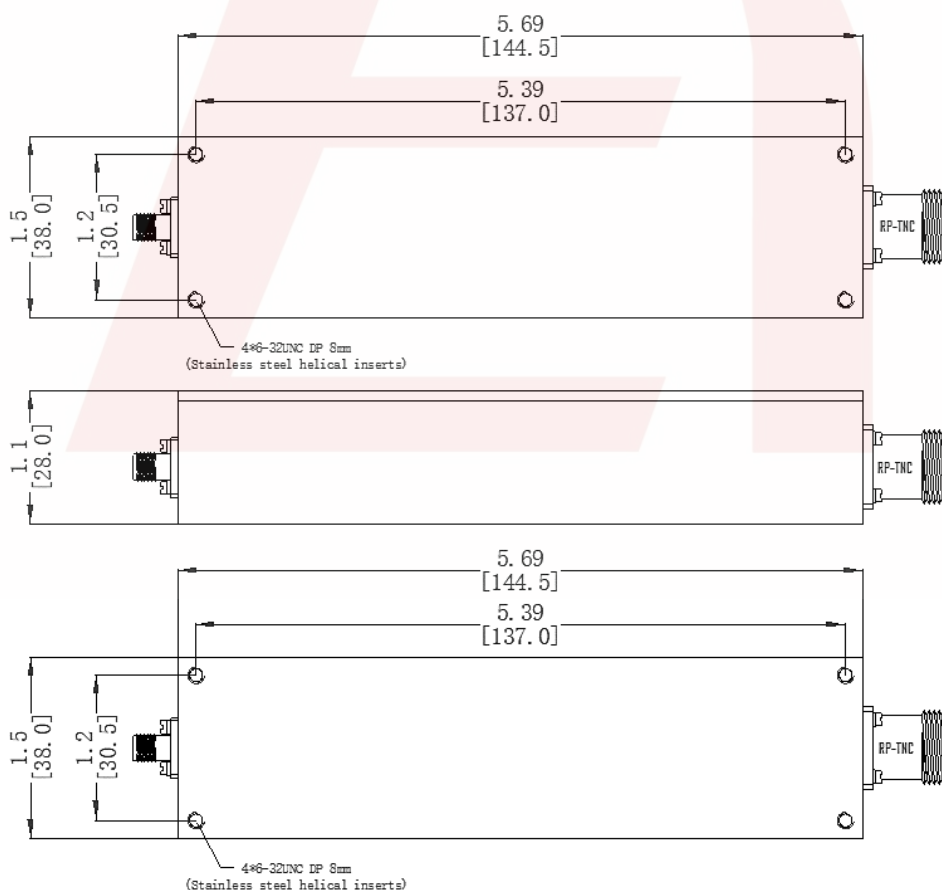
Mechanical

Mounting Method: Threaded Holes (4 on each side)
Connector Type: SMA (F) / Reverse Polarity TNC (F)
Dimensions: 5.69 x 1.5 x 1.1 in
144.5 x 38 x 28 mm

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz
Weatherproofing: IP65

Outline Drawing:



DS-B12311-SFRPTF-O-05292025-Rev1



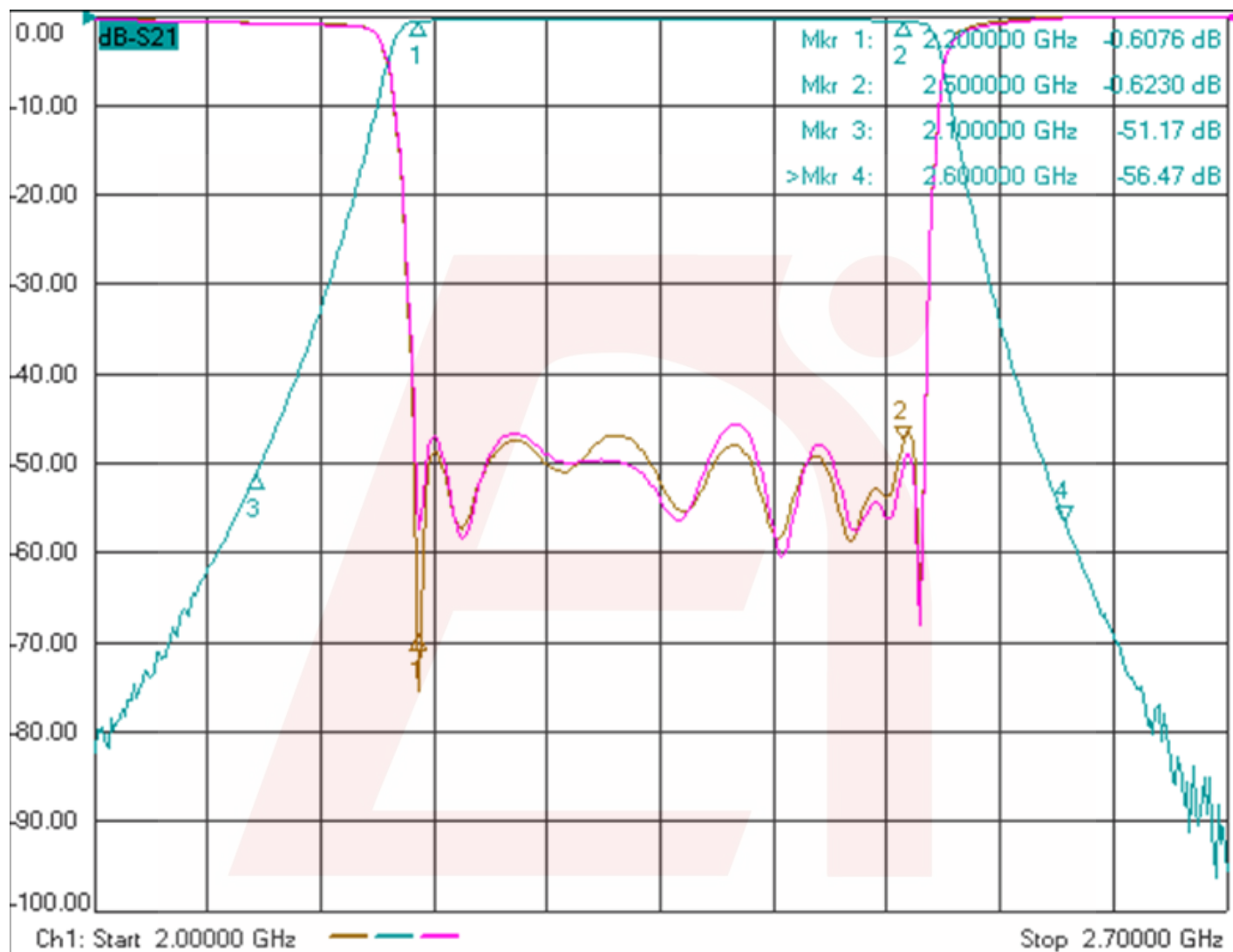
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Response Plot:



DS-B12311-SFRPTF-O-05292025-Rev1