



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1800 MHz Cavity Band Pass Filter

Part Number: AE1800B11644



Electrical Specifications

Center Frequency: 1800 MHz
3dB Bandwidth: 1000 MHz
Pass Band: 1300 – 2300 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 14 dB Min.
Rejection: ≥ 20 dB @ 1200 MHz
Rejection: ≥ 20 dB @ 2400 MHz
Power Handling: 30 W
Impedance: 50 Ohms

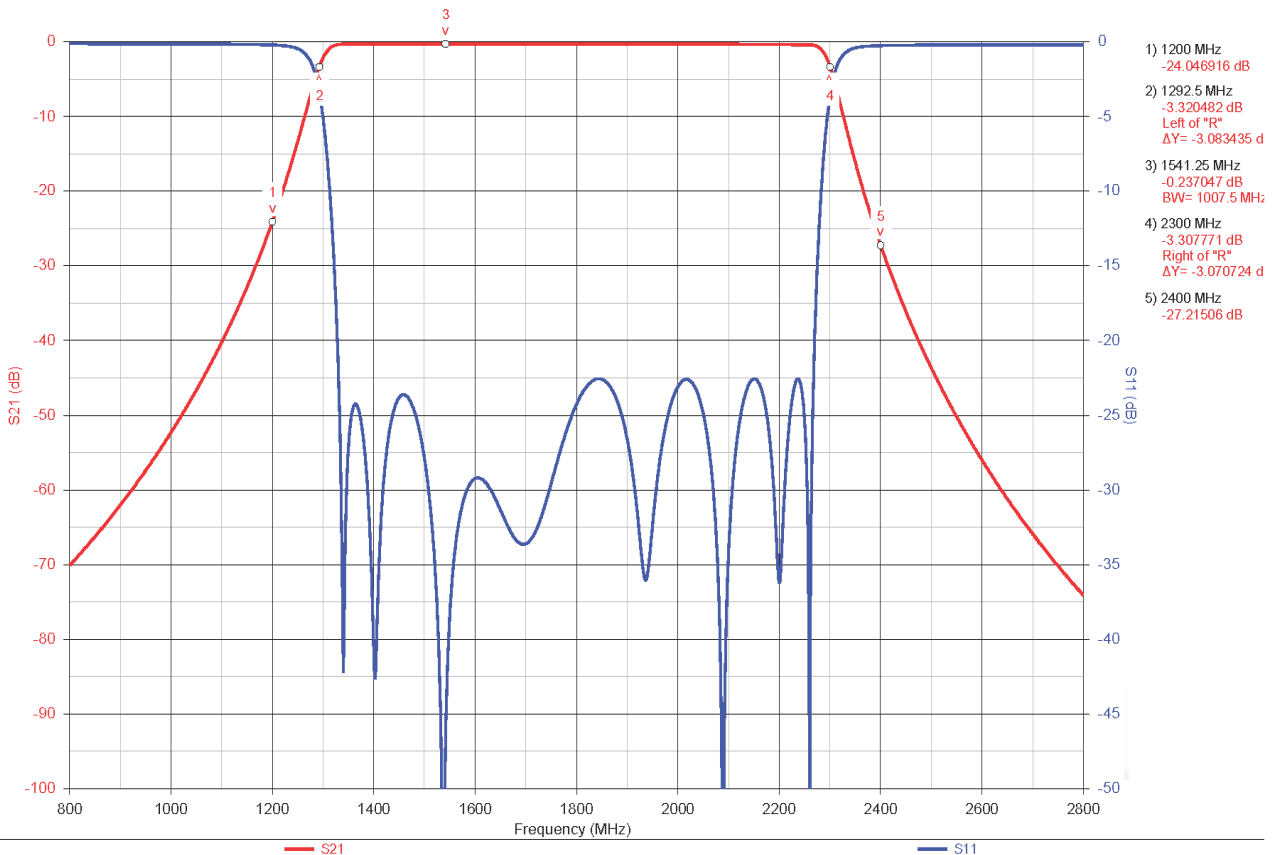
Mechanical

Connector Type: SMA Female
Dimensions: 4.50" X 2.00" x 0.875" .

Environmental

Operating Temperature: -55°C to +85°C
Storage Temperature: -55°C to +125°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Response Plot:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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