



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2200 - 2300 MHz Cavity Bandpass Filter For Outdoor

Part Number: AB2250B1153-O



Electrical specifications

Passband: 2200 - 2300MHz
Passband Insertion Loss: ≤ 0.8 dB
Passband Ripple: ≤ 0.4 dB
Passband Return Loss: ≥ 19 dB
Rejection: ≥ 95 dB @ DC - 2120 MHz
Rejection 2: ≥ 95 dB @ 2400 – 4000 MHz
Input / Output Impedance: 50 Ohms
Power Handling: 40W CW

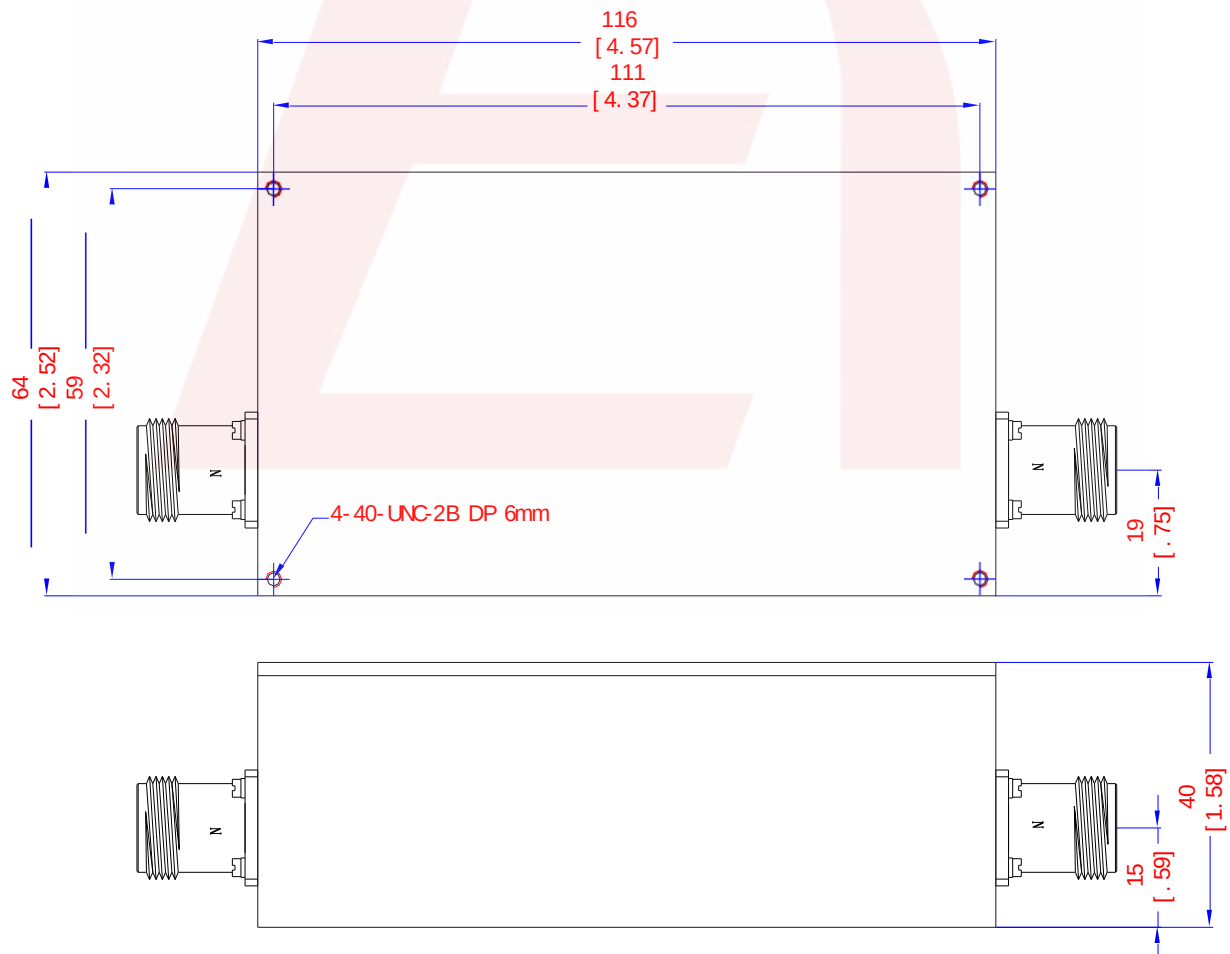
Mechanical

Connector Type: N-Type (F)
Dimensions: 4.57 x 2.52 x 1.58 in
116 x 64 x 40 mm

Environmental

Operating Temperature: -20°C to +55°C
Storage temperature: -65°C to +95°C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%
Environmentally Sealed: IP65

Outline Drawing:



DS-B1153-O-02172025-Rev2



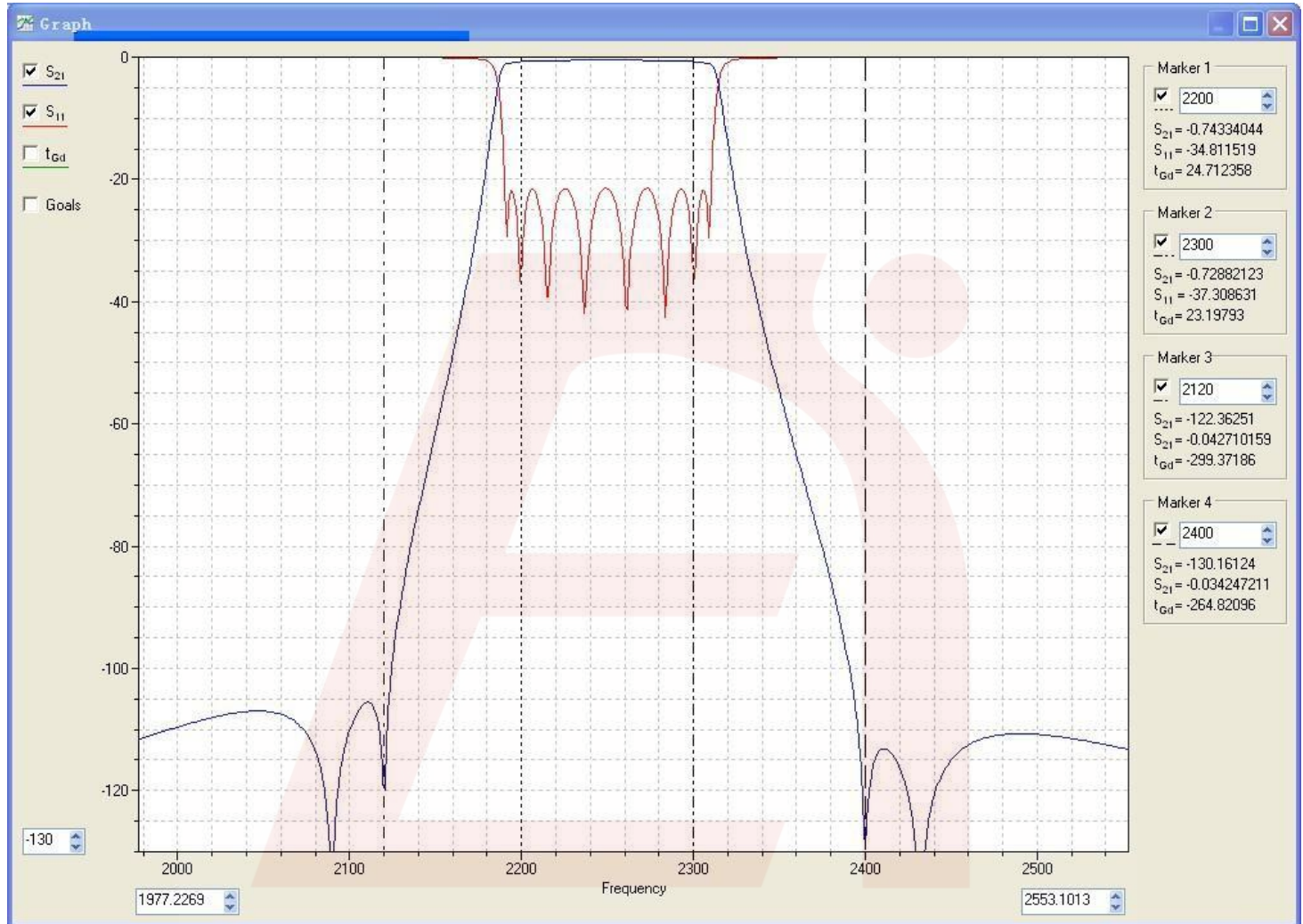
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Response Plot:



DS-B1153-O-02172025-Rev2