

Electrical Specifications

Rx Band: 1018-1042 MHz

Tx Band: 1078-1102 MHz

Insertion Loss: 0.7 dB Max

Return Loss: 18 dB Min

Isolation: ≥ 60 dB @ 1018-1042 MHz

≥60 dB @ 1078-1102 MHz

Power Handling: 50 W Avg., 4 kW Max
(Max Pulse Width = 50 μ S)

Mechanical

Connector Type: SMA(F)

Dimensions: 5.83 x 4.03 x 1.97 Inches

Environmental

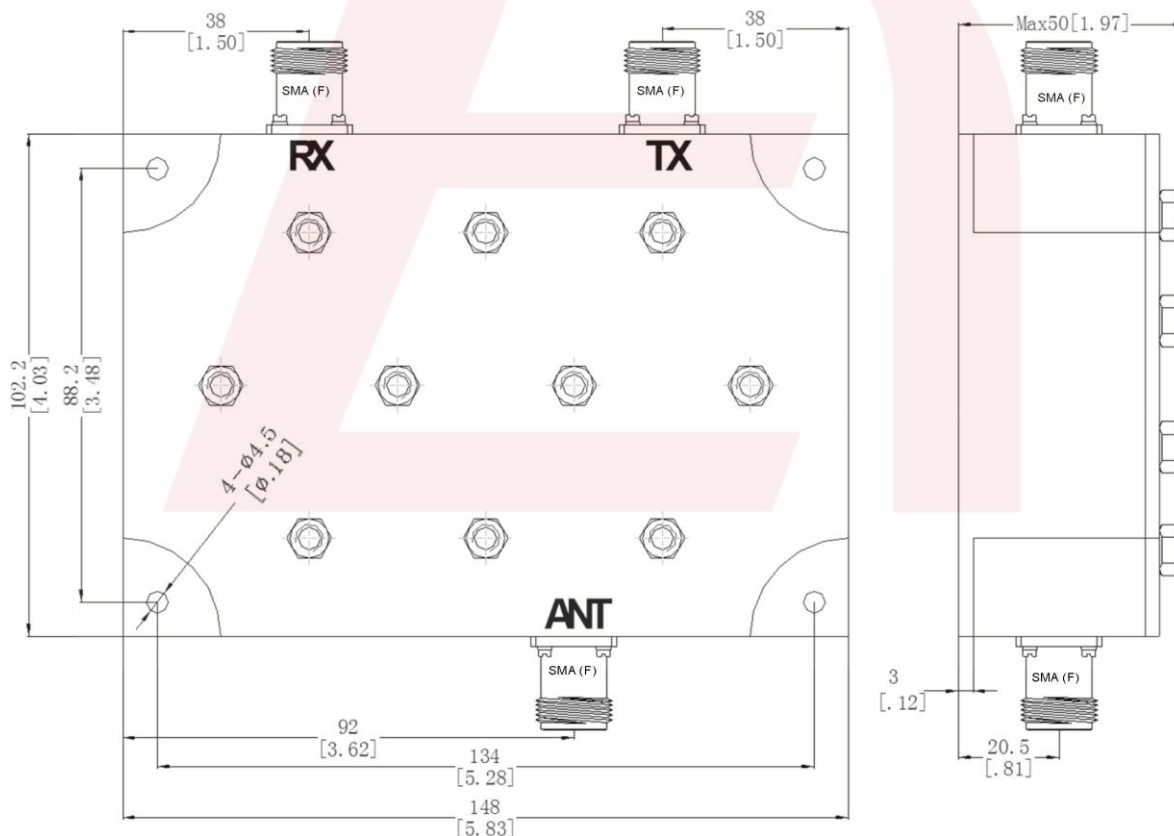
Operating Temperature: -40 to +80° C

Storage Temperature: -55 to +95° C

Shock: 20 G. 11 ms

Vibration: 20 G, 5 to 200 Hz

Outline Drawing:



DS-D490-S-01262022-Rev0



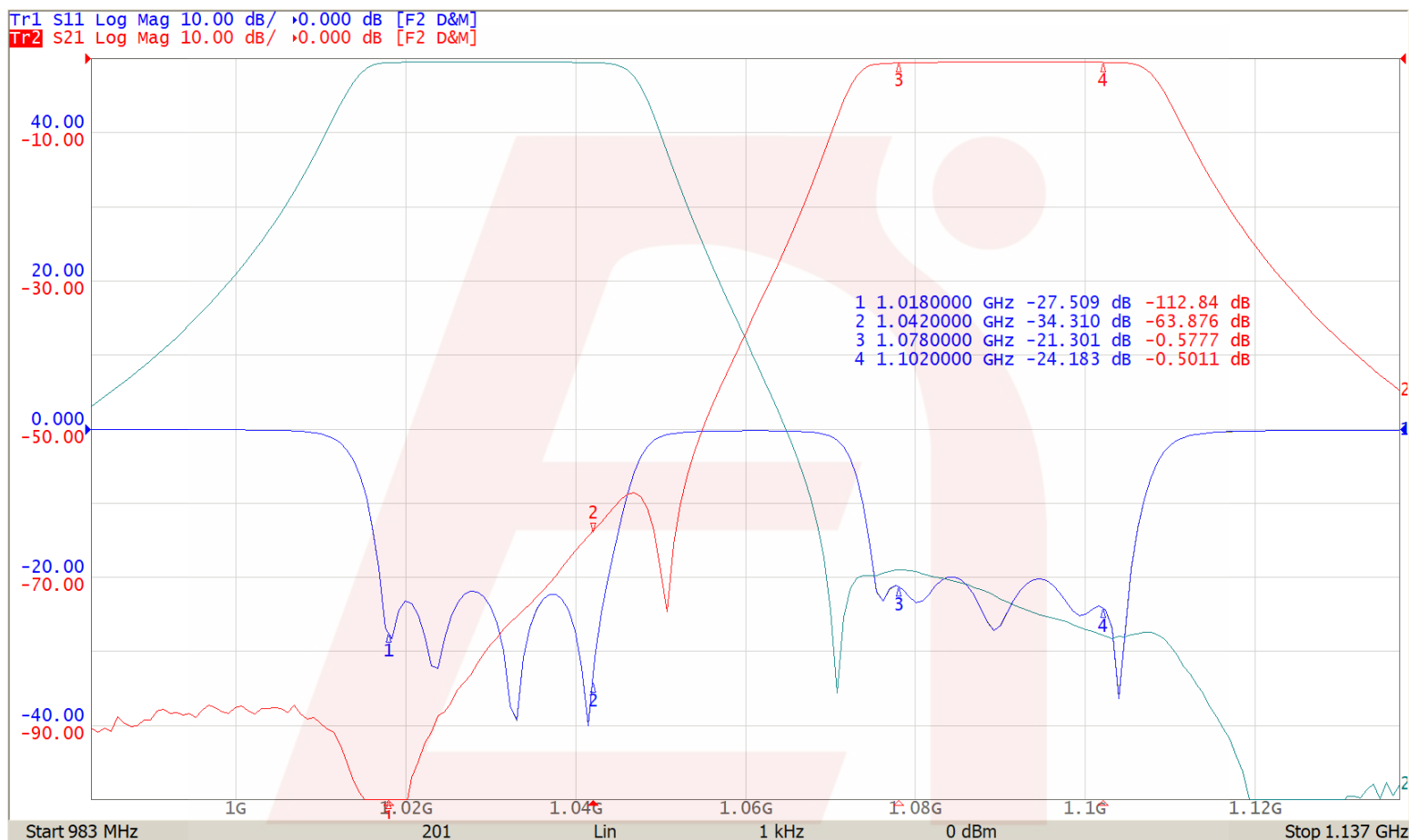
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**1018-1042 MHz / 1078-1102 MHz
Cavity Diplexer**

Part Number: AE1030-1090D490-S



Response Plot:



DS-D490-S-01262022-Rev0