

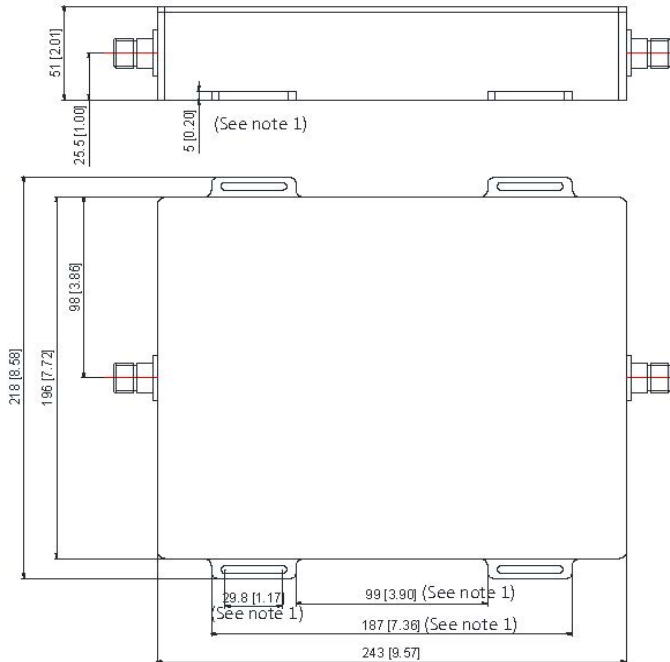


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	824.6 – 829.4 MHz	869.6 – 874.4 MHz
Bandwidth:	4.8 MHz	4.8 MHz
Return Loss:	≥15 dB	≥15 dB
Insertion Loss:	≤ 1 dB	≤ 1 dB
3rd order PIM :	161 dBc	161 dBc
Rejection:	≥35dB @ 834.4MHz	≥35dB @ 879.4MHz
Rejection2:	≥50dB @ 839.4MHz	≥50dB @ 884.4MHz
Power Handling:	20 Watts	20 Watts

<u>Mechanical</u>	
Connector Type:	N-Type(Female)
Dimensions:	243 × 218 × 51 mm

<u>Environmental</u>	
Operating Temperature:	-30 to +80 deg.C
Storage Temperature:	-45 to +90 deg.C
Ingress Protection:	IP65

Outline Drawing:



Note1: Tabs size and distance will be determined by the final customer's info on the pole Diameter size, and mounting method.

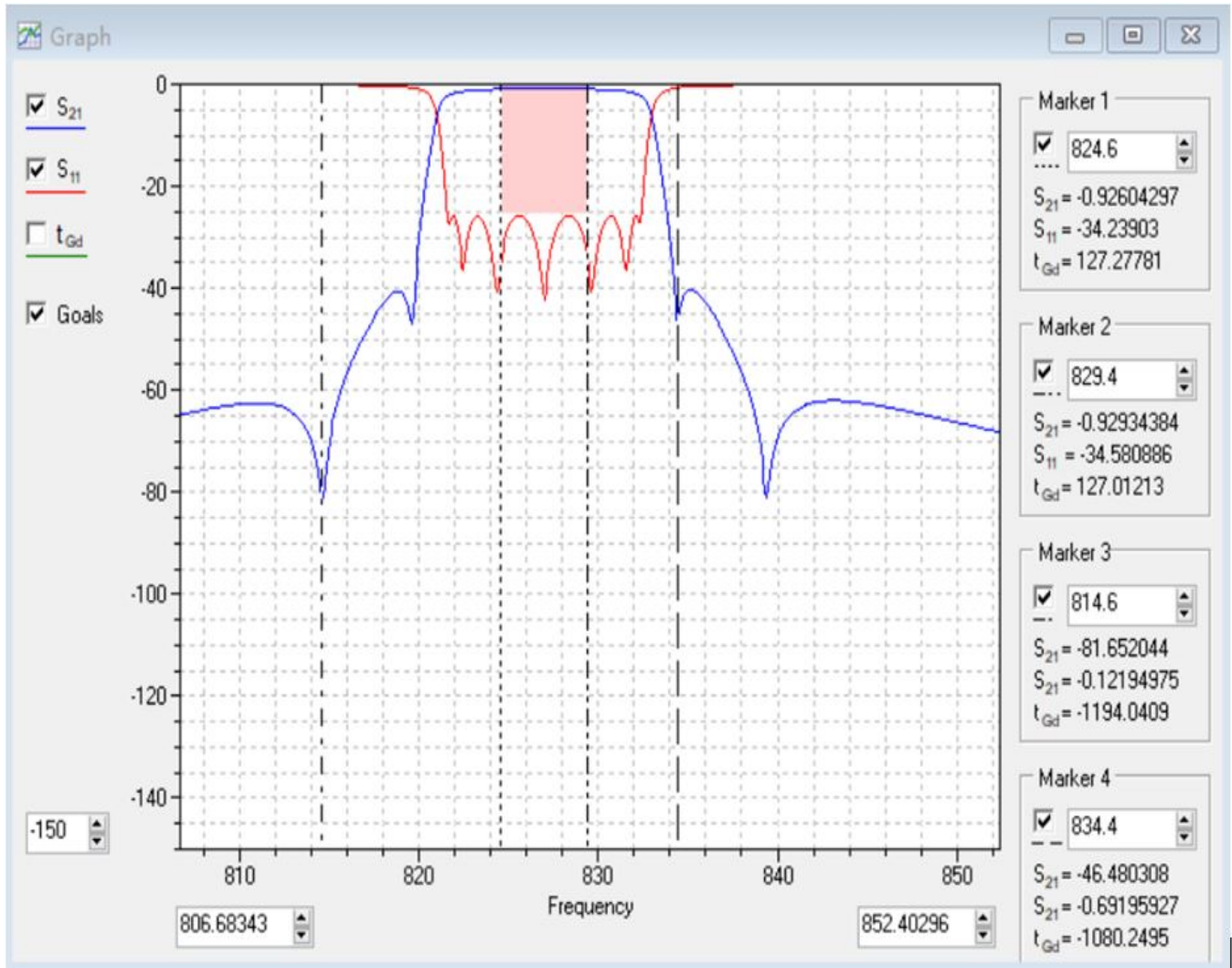


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

824.6-829.4 MHz/ 869.6-874.4 MHz
Combined Bandpass filter
Part Number: AE827-872BC133



Response Plot of Band-1:





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Response Plot of Band-2:

