



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

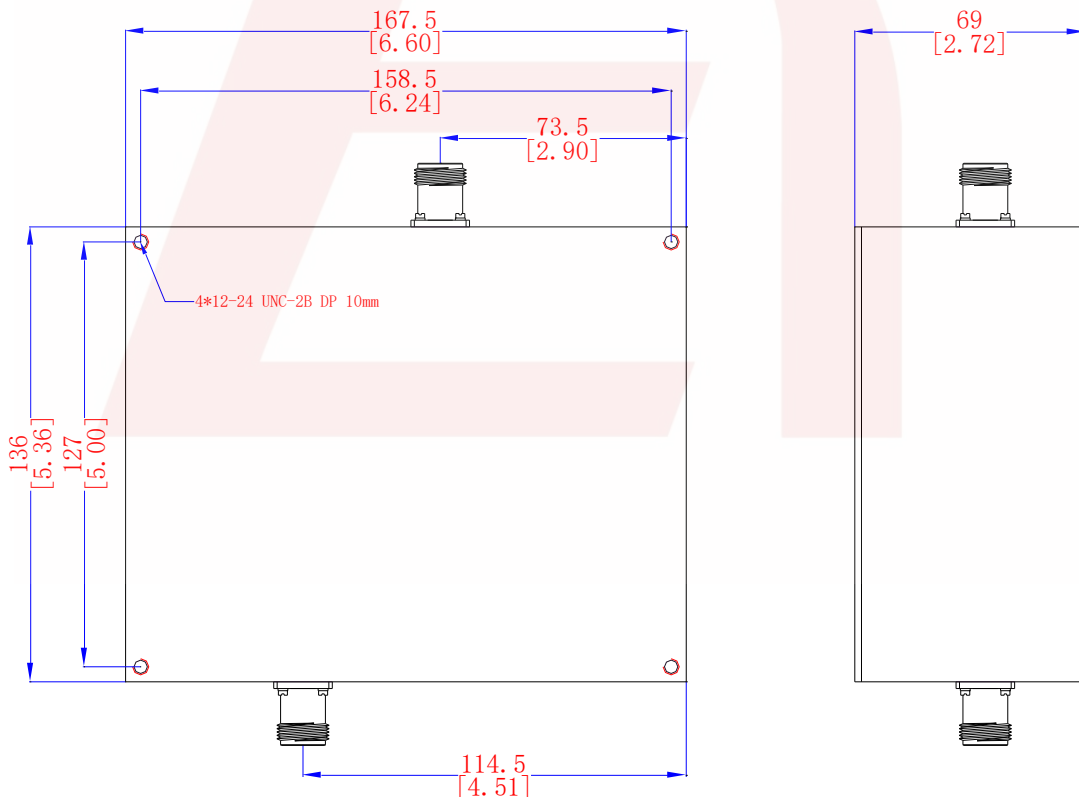
765 – 768 MHz / 788 – 798 MHz
Dual Band Cavity Band Pass Filter
for Outdoor Applications
Part Number: AE766-793DBB1174-O



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	765 – 768 MHz	788 – 798 MHz
Insertion Loss:	1.0 dB Max	1.0 dB Max
Return Loss:	15 dB Min	15 dB Min
Rejection:	25 dB Min @ 761 MHz & 773 MHz, 25 dB Min @ 778 MHz & 818 MHz	
Impedance:	50 Ohms In/Out	
Power Handling:	50 W CW Max	

<u>Mechanical</u>	
Connector Type:	N Type (F)
Dimensions:	6.60 x 5.36 x 2.72 in. 167.5 x 136 x 69 mm
<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-55 to +85 deg.C
Shock:	20 G. 11 ms
Vibration:	20 G. 5 to 200 Hz
Outdoor IP Rating:	IP65

Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]
3 decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.

DS-DBB1174-O-02082023-Rev0

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

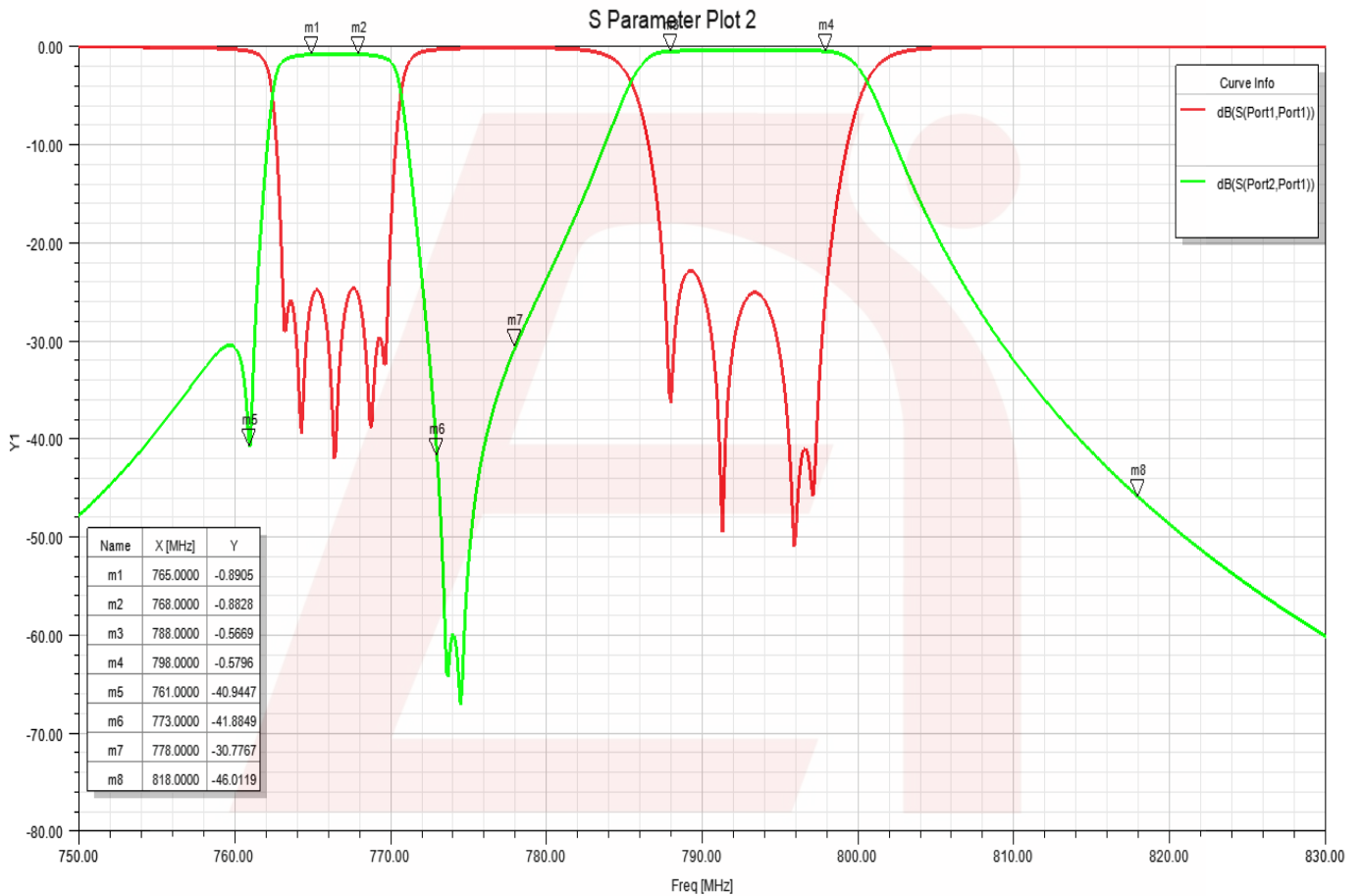


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

765 – 768 MHz / 788 – 798 MHz
Dual Band Cavity Band Pass Filter
for Outdoor Applications
Part Number: AE766-793DBB1174-O



Simulated Plot:



This is a simulated response plot, actual results might differ

DS-DBB1174-O-02082023-Rev0