



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**4200-4600 MHz / 5100-5200 MHz
Cavity Diplexer
Part Number: AE4400-5150DB5464**

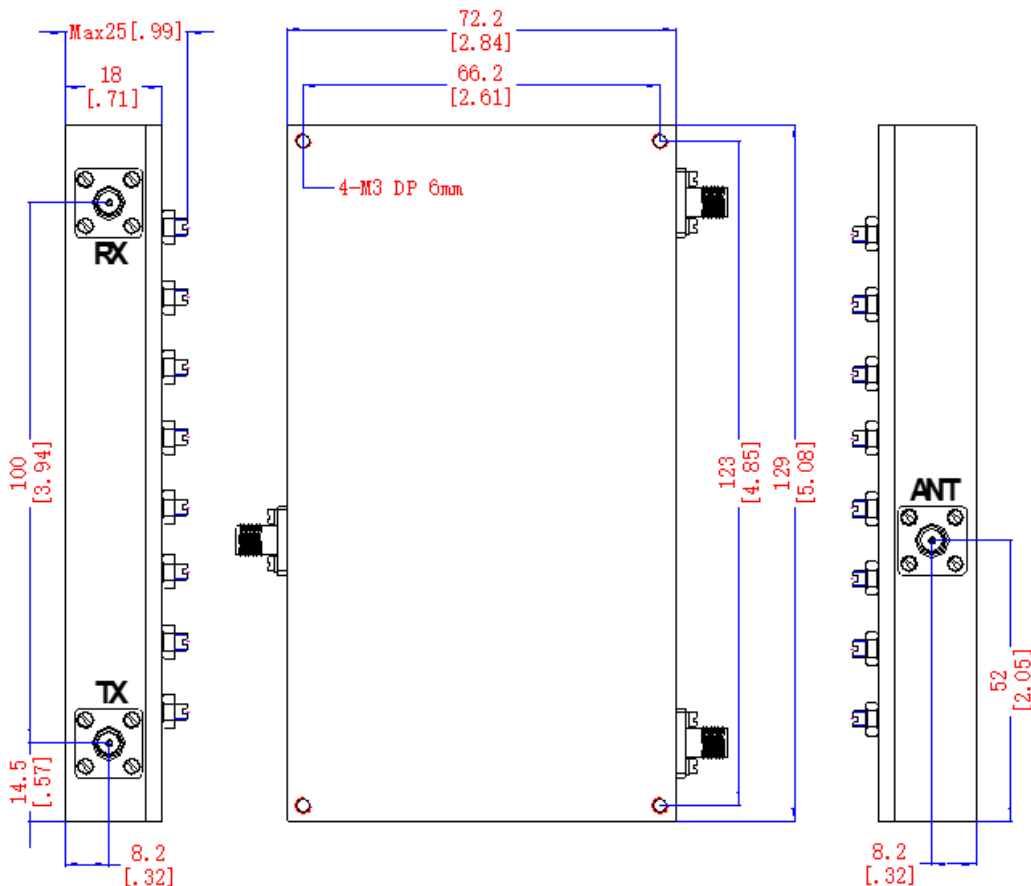


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	4200-4600 MHz	5100-5200 MHz
Bandwidth:	400 MHz	100 MHz
Passband Insertion Loss:	≤ 1.0dB	≤ 1.0dB
Passband Return Loss:	≥ 15dB	≥ 15 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	≥ 100 dB	≥ 100 dB
Power Handling:	50 Watts	50 Watts
Size Tolerance:	As Below (± 0.3 mm)	

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	129x 72.2 x 18 mm

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +85 deg.C

Outline Drawing:



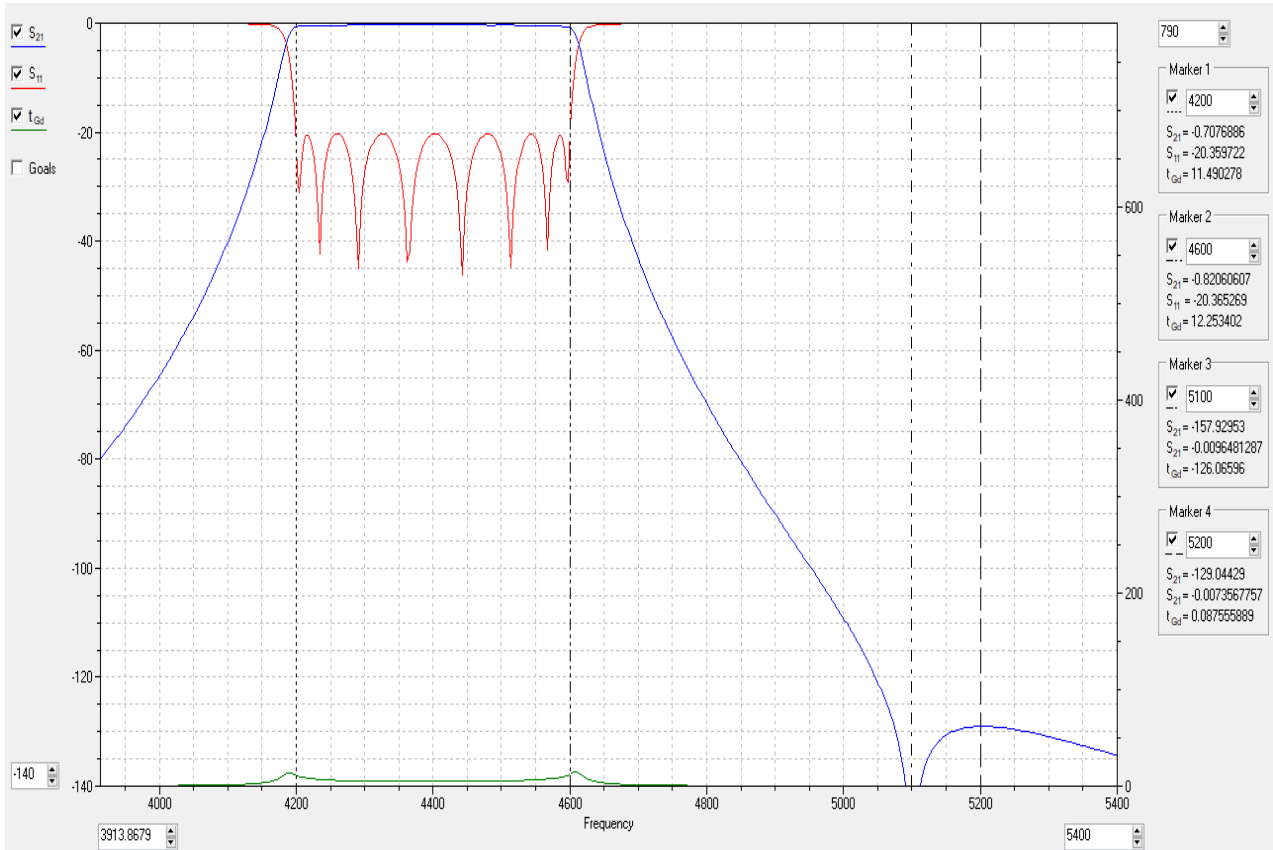


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Simulation Plot:





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