



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

DC-2GHz/2-4GHz/4-8GHz/8-12GHz Quadruplexer

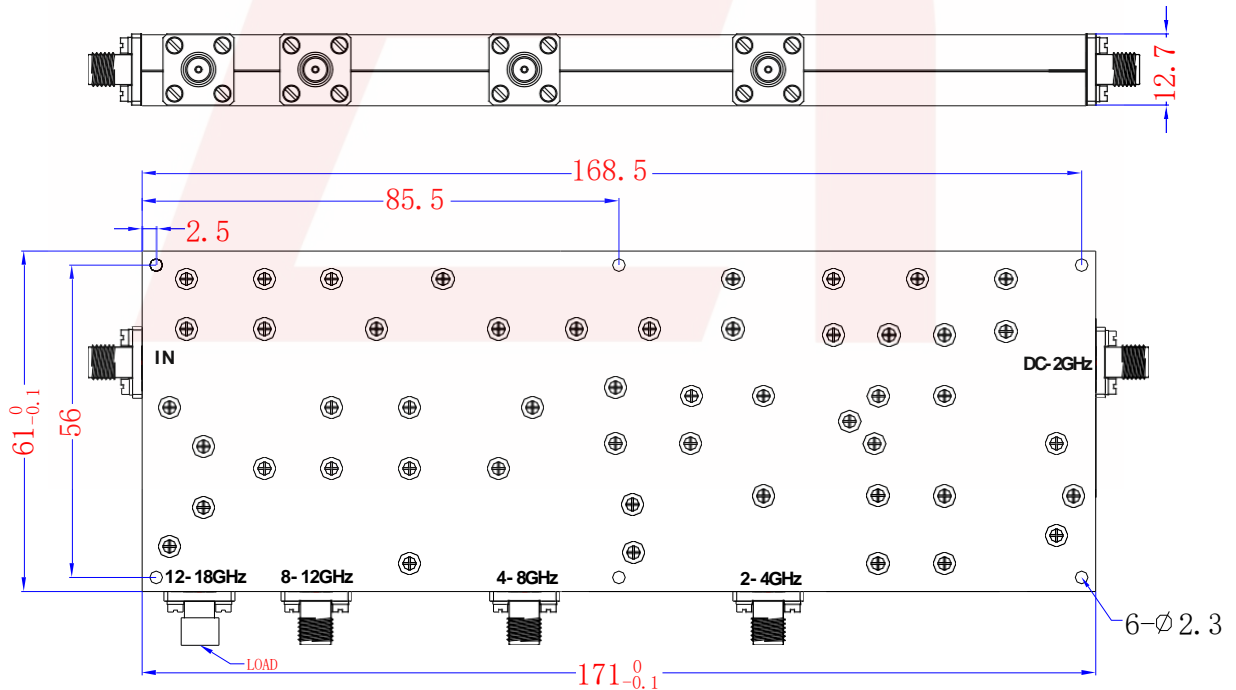


Part Number: AE2G-3G-6G-10GQP8354

Electrical Specifications

	COM—CH1	COM—CH2	COM—CH3	COM—CH4
Passband Frequency:	DC~1900MHz	2100~3800MHz	4200~7600MHz	8400~11600MHz
Crossover Frequency:	DC~2000MHz	2000~4000MHz	4000~8000MHz	8000~12000MHz
Insertion Loss:	≤1.5dB	≤1.5dB	≤1.5dB	≤1.5dB
Crossover Insertion Loss:	≤5.5dB	≤5.5dB	≤5.5dB	≤5.5dB
VSWR:	≤2.0	≤2.0	≤2.0	≤2.0
Rejection:	≥50dB@2300-5000MHz	≥50dB@DC-1700MHz ≥50dB@4600-9000MHz	≥50dB@DC-3400MHz ≥50dB@9200-13000MHz	≥50dB@DC-6800MHz
Power:	15W			
Operating Temp.	-45°C~+70°C			
Storage Temp.	-55°C~+85°C			
Port Connectors:	SMA-Female (50Ω)			

Outline Drawing:



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

DS-QP8354-08072018-Rev0

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



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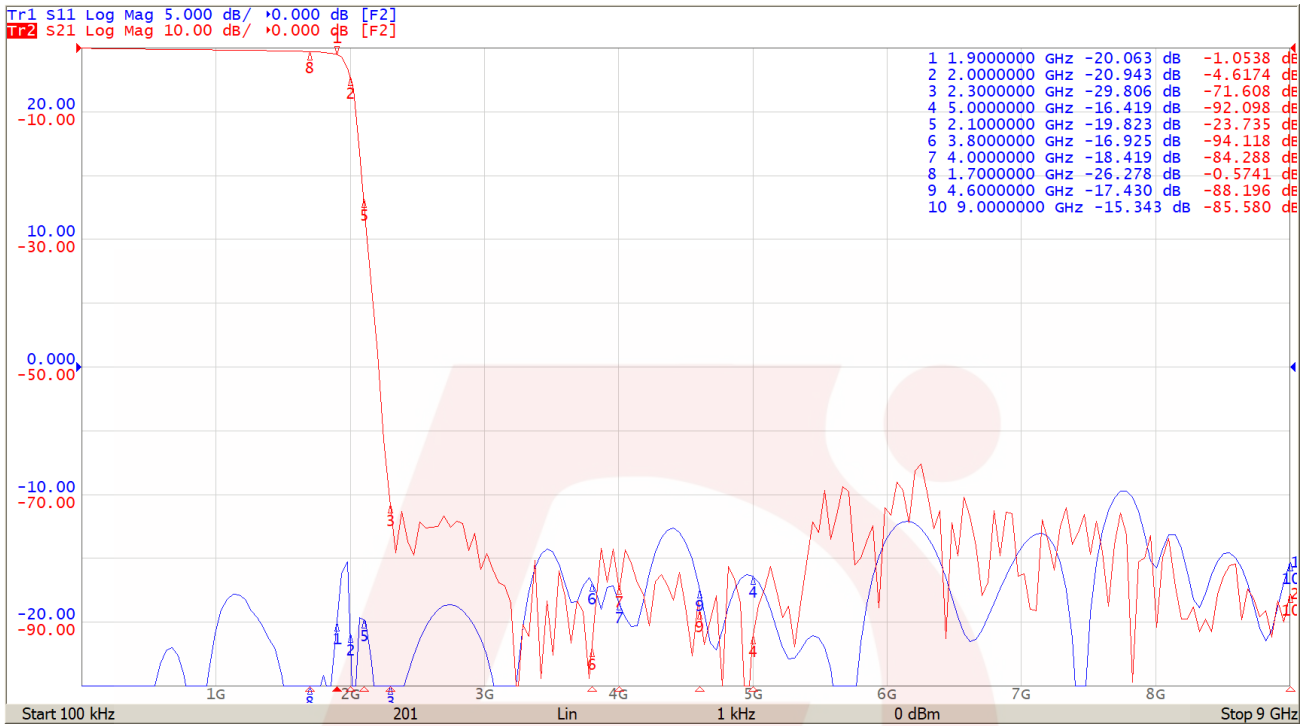
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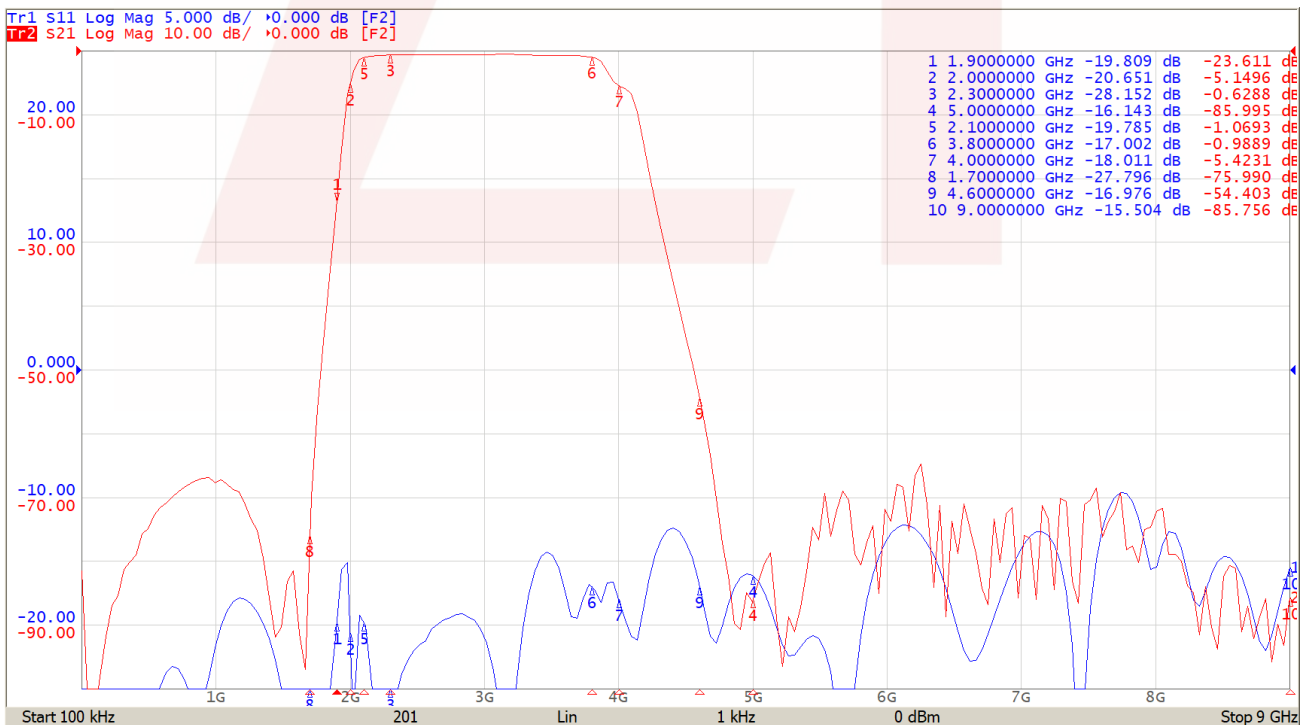


Response Plot:

CH 1:



CH 2:

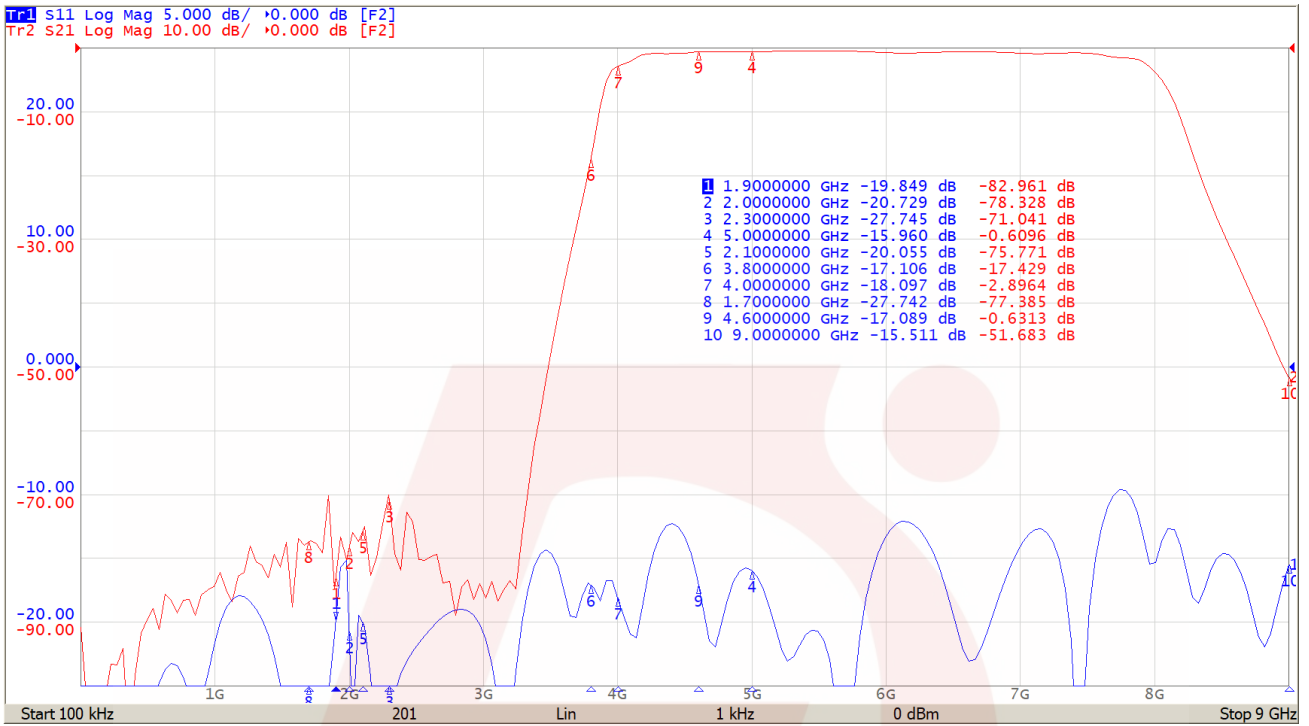


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Response Plot:

CH 3:



CH 4:

