



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5725-5765 MHz / 5785-5825 MHz Cavity Duplexer

Part Number: AD5745-5805D357

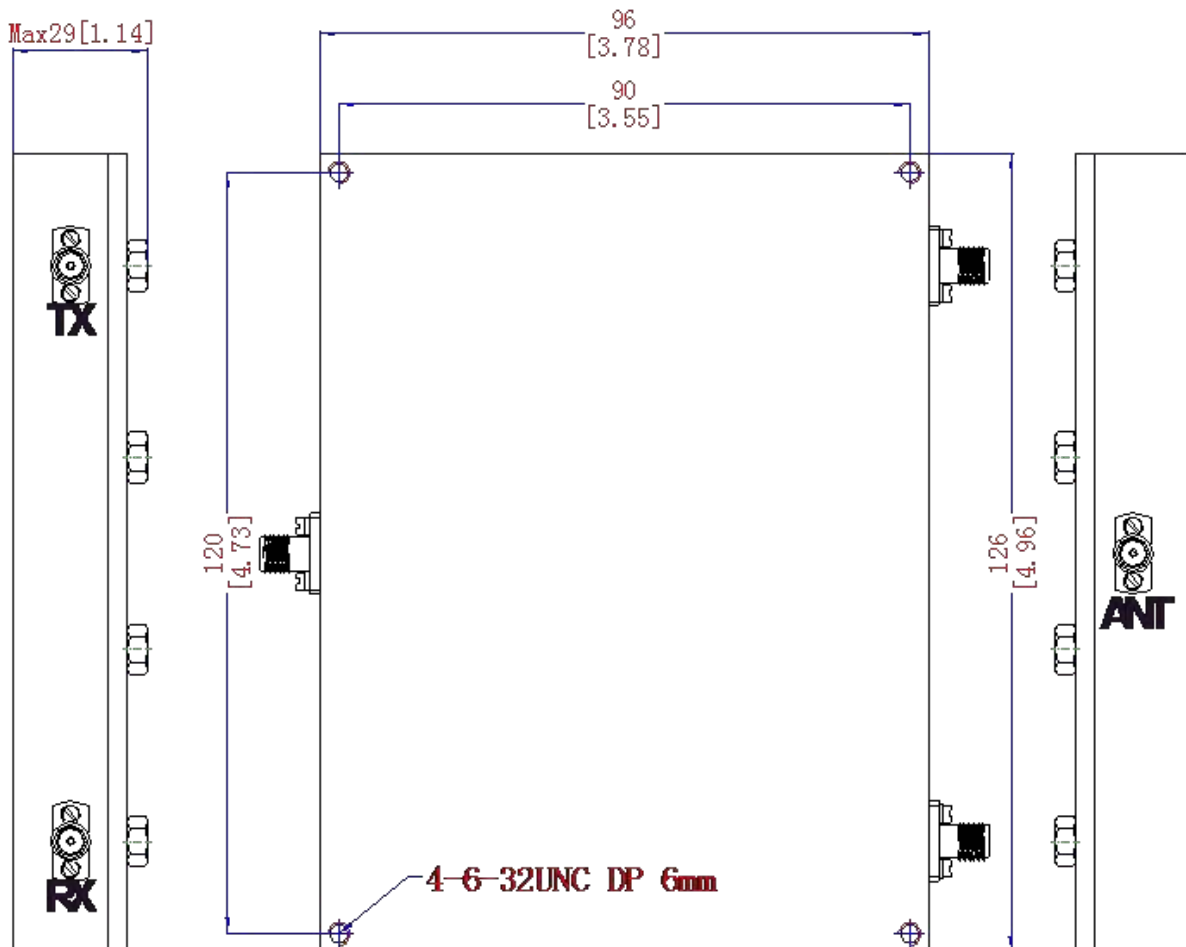


Characteristics	Band 1	Band 2
Passband:	5725-5765 MHz	5785-5825 MHz
Bandwidth:	40 MHz	40 MHz
Passband Return Loss:	> 15 dB	> 15 dB
Passband Insertion Loss:	1.7 dB	1.7 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	> 65 dB	> 65 dB
Power Handling:	200 Watts	200 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA
Dimensions:	126 x 96 x 28 mm

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:





Response Plots:

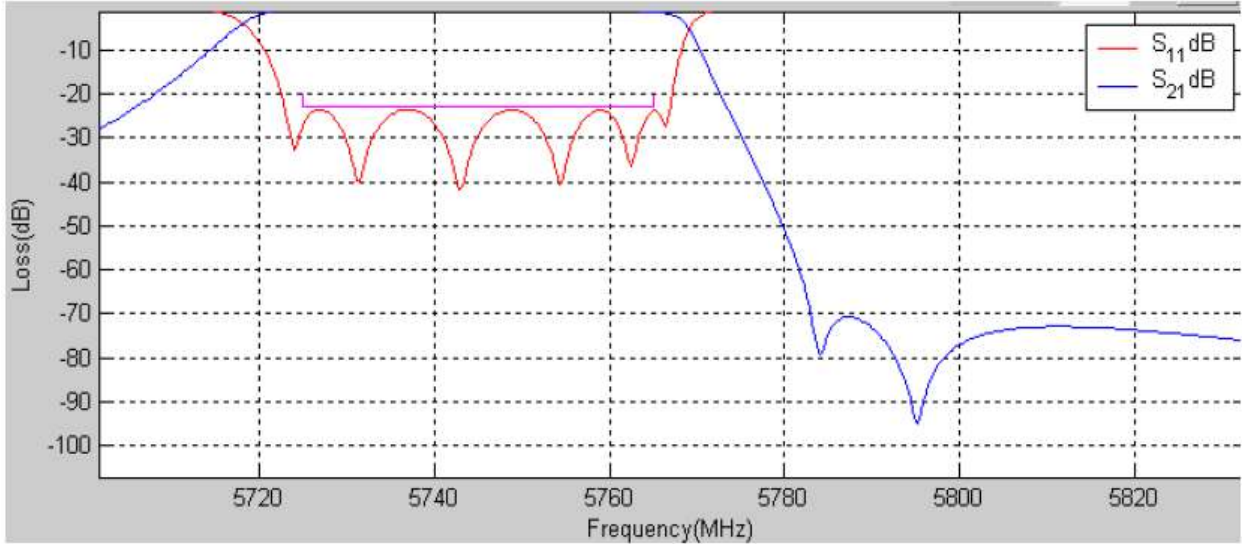


Figure1 Overall performance

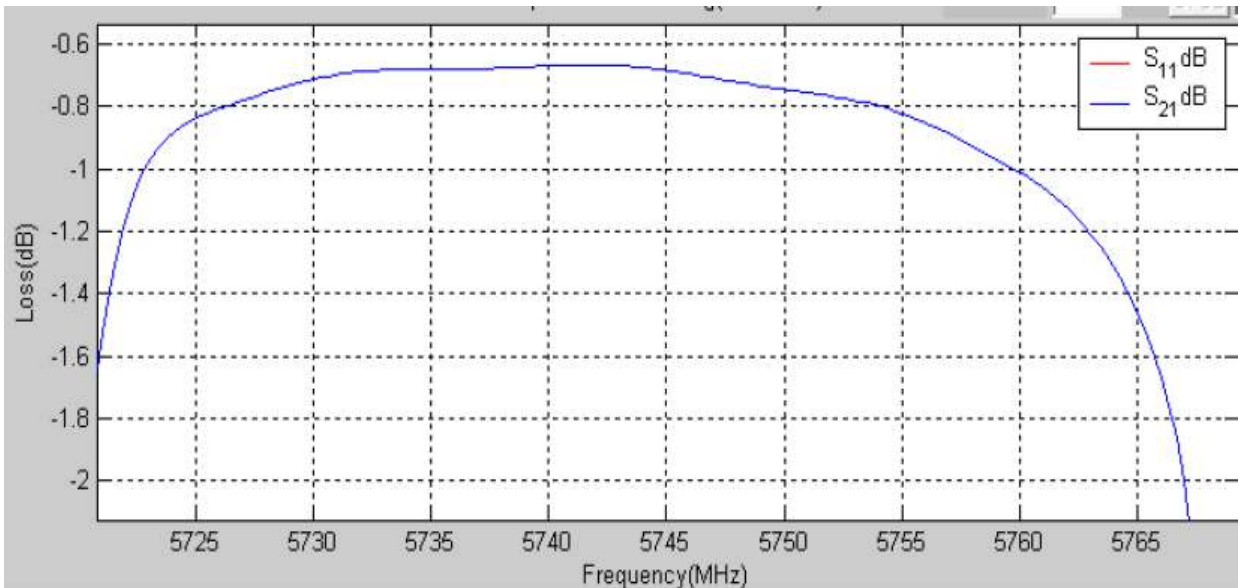


Figure2 Insertion loss



Response Plots:

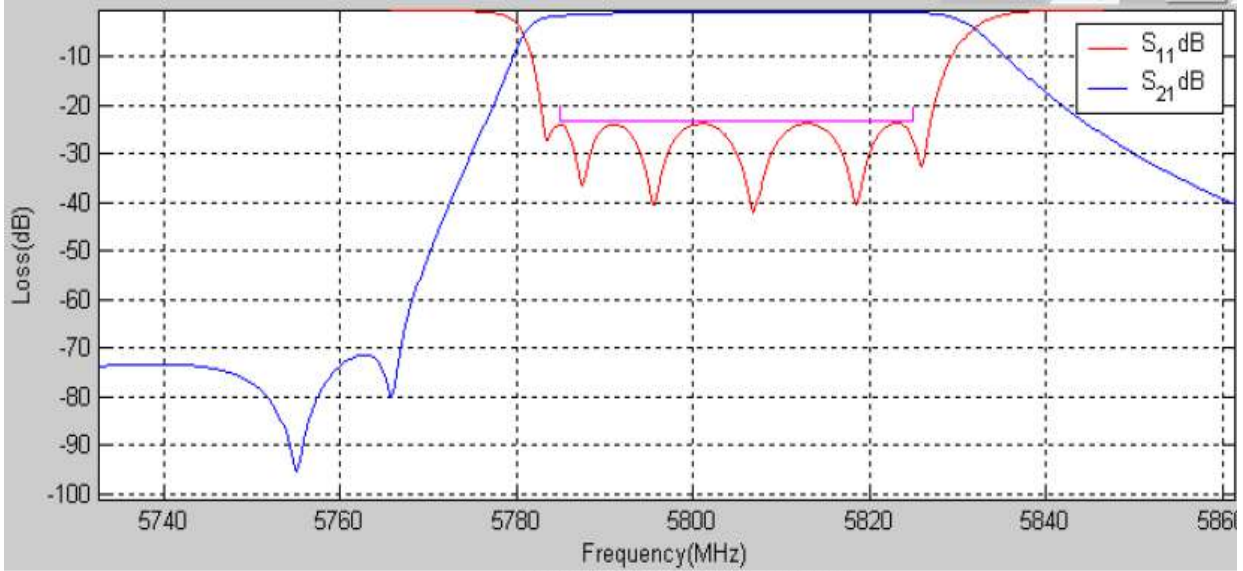


Figure1 Overall performance

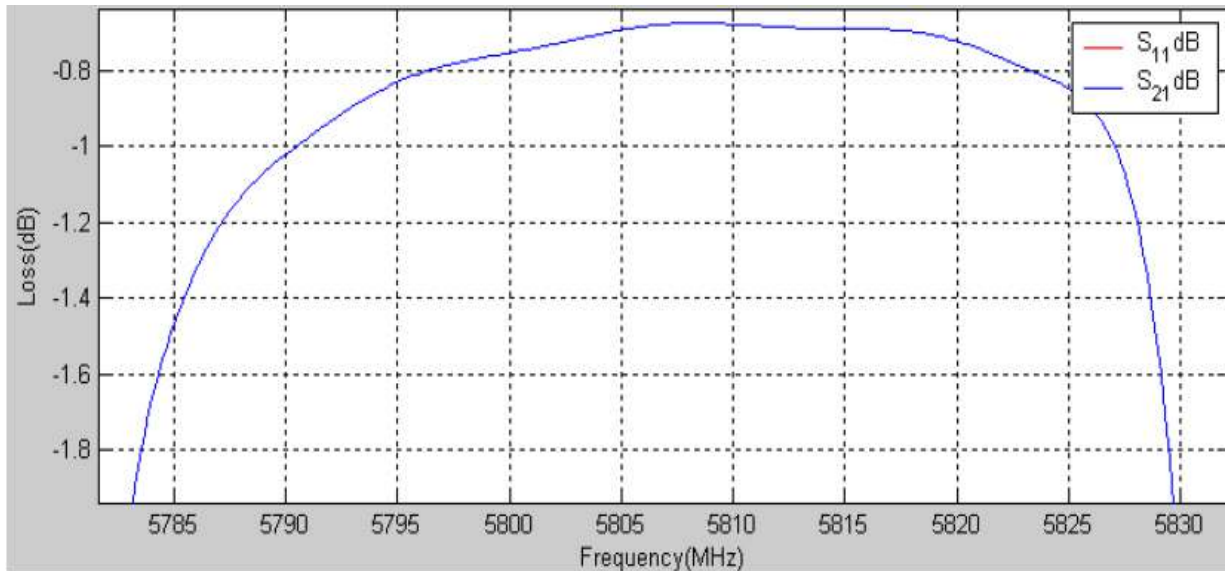


Figure2 Insertion loss