



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1524-1560 MHz/1626.5-1660.5 MHz Cavity Duplexer

Part Number: AD1542-1643D296

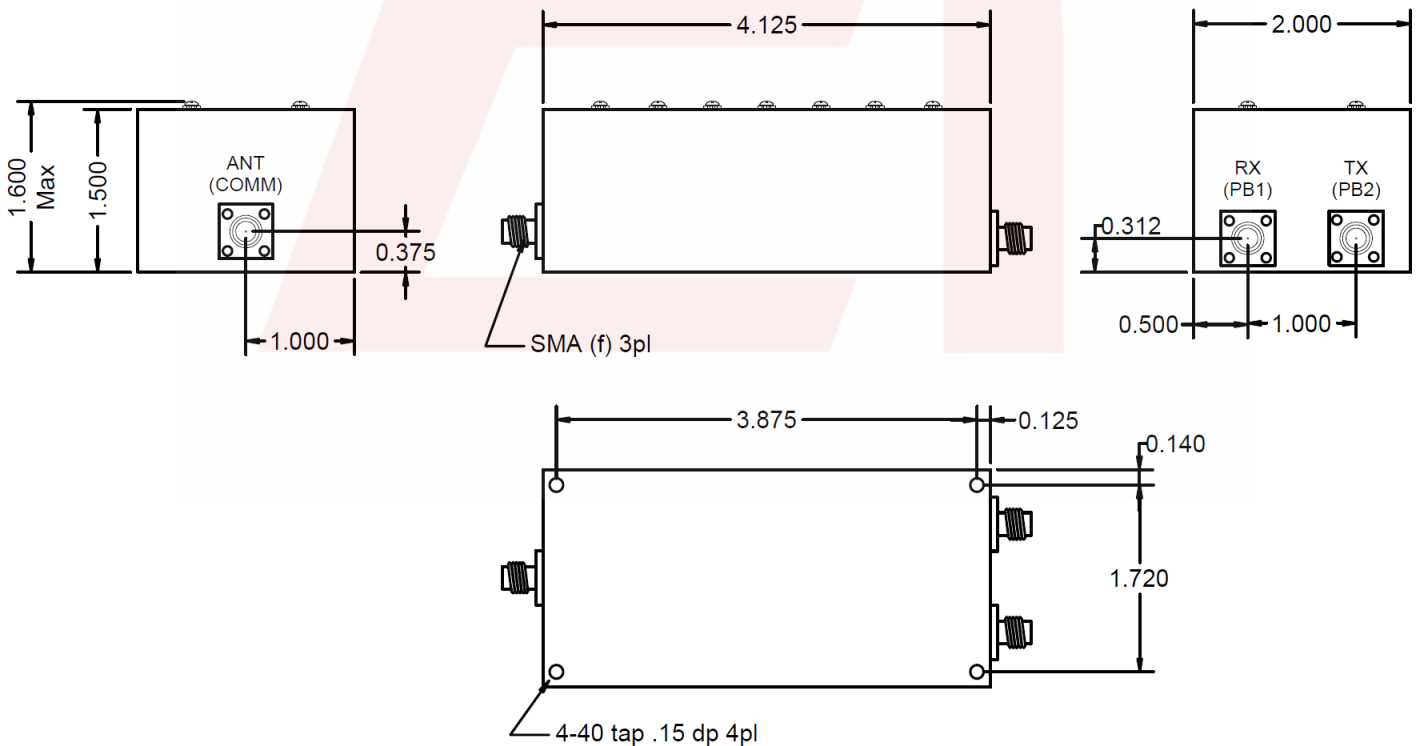


Characteristics	Band 1 (P1)	Band 2 (P2)
Passband:	1524-1560 MHz	1626.5-1660.5 MHz
Bandwidth:	36 MHz	34 MHz
Passband Return Loss:	15 dB	15 dB
Passband Insertion Loss:	1 dB	1 dB
Passband Ripple:	0.2 dB	0.2 dB
Isolation:	40 dB Min	40 dB Min
Impedance:	50 Ohms In/Out	
Power Handling:	40 W max.	

Mechanical	
Connector Type:	SMA (F)
Dimensions:	4.125 x 2.0 x 1.60 in.

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



DS-D296-10212015-Rev1



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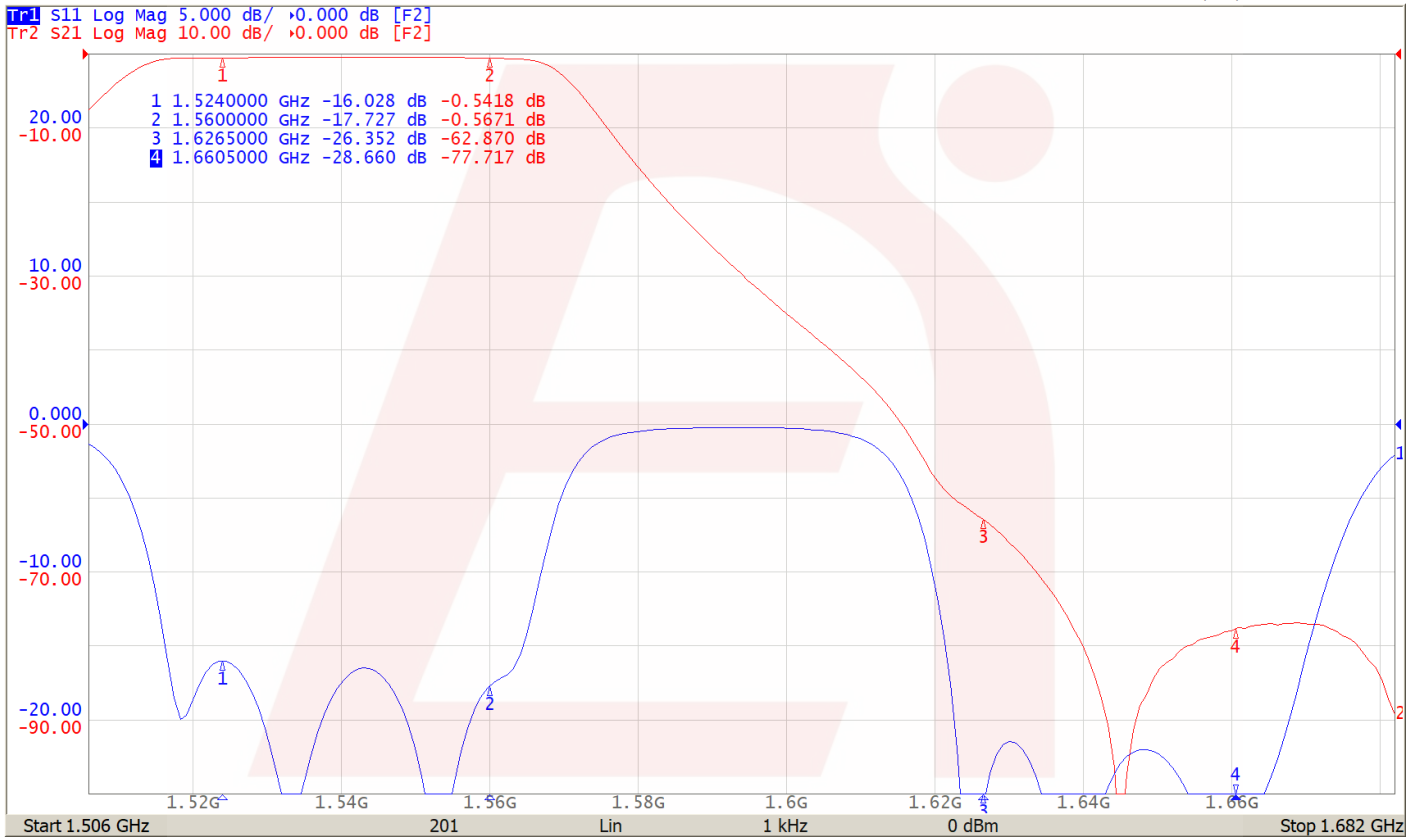
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Response Plot:

Band1:

2/27/2024 2:34:02 PM



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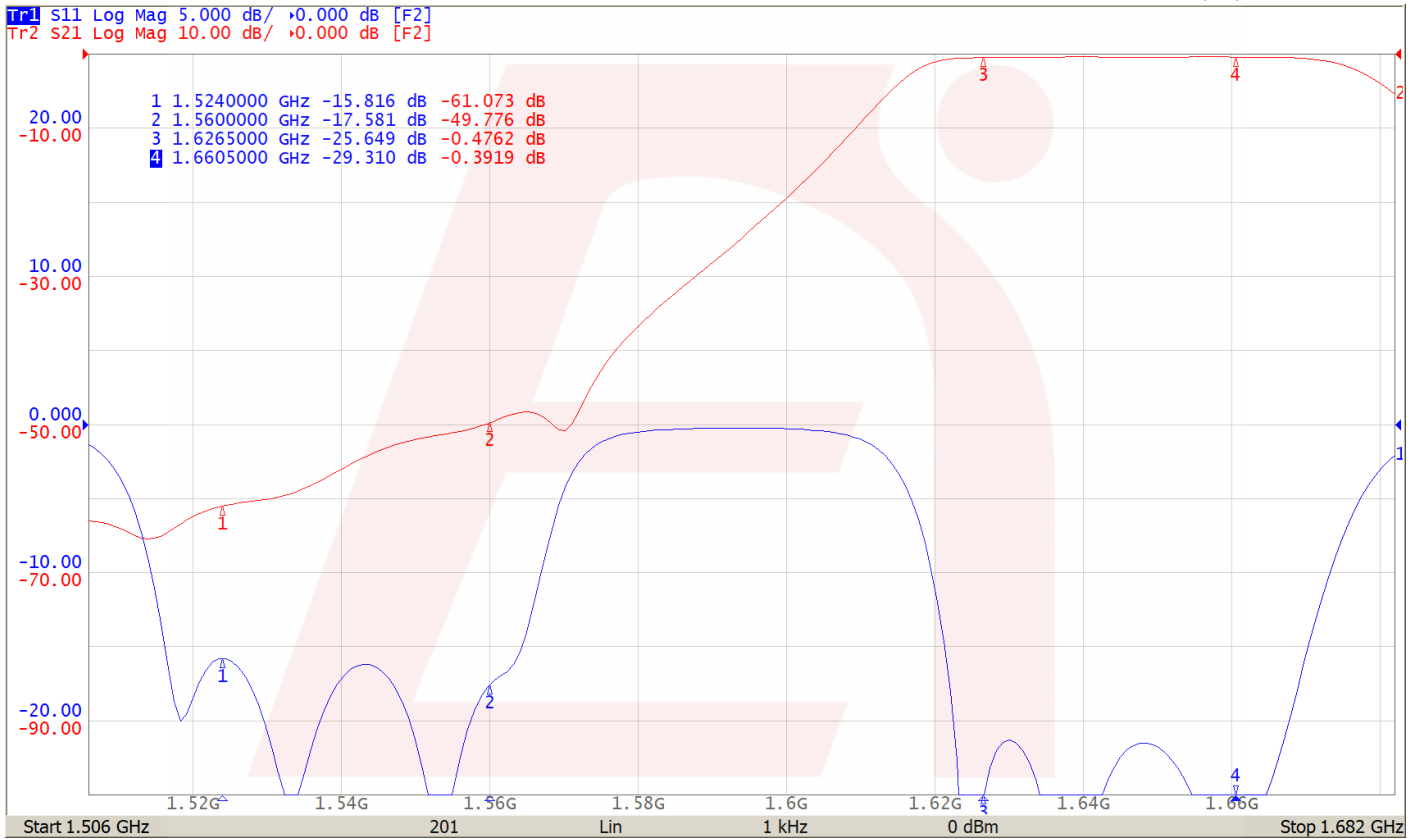
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Response Plot:

Band2:

2/27/2024 2:35:32 PM



DS-D296-10212015-Rev1