



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 4400-4580 MHz / 4720-4900 MHz Cavity Duplexer

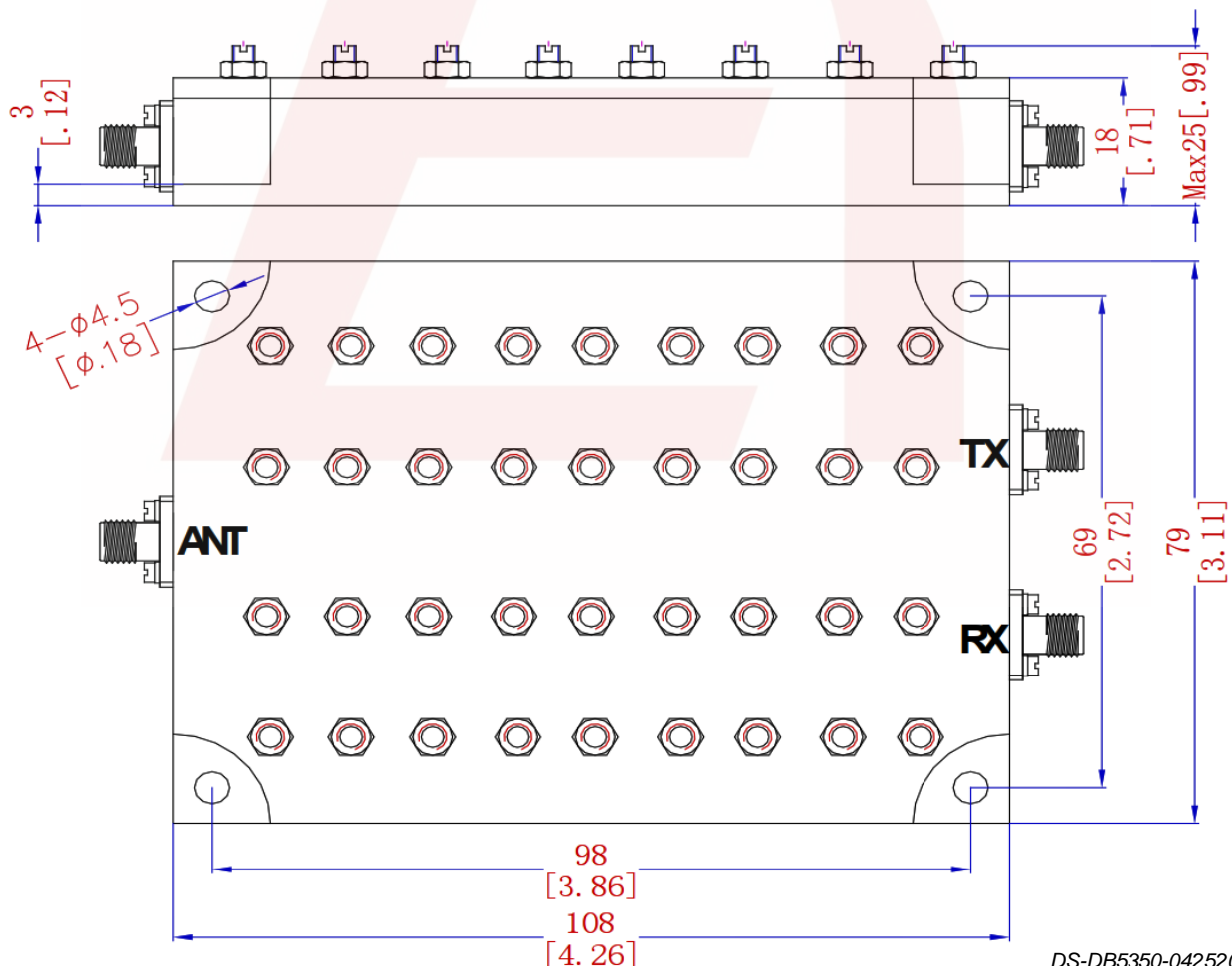


**Part Number: AE4490-4810DB5350**

Characteristics	Band 1	Band 2
Passband:	4400-4580 MHz	4720-4900 MHz
Bandwidth:	180 MHz	180 MHz
Passband Insertion Loss:	≤ 3.0dB	≤ 3.0dB
Passband Return Loss:	≥ 15dB	≥ 15 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	≥ 40 dB	≥ 40 dB
Power Handling:	75 Watts	75 Watts

Mechanical	
Mounting Method:	4-40 Threaded Mounting
Connector Type:	SMA (F)
Dimensions:	4.26 x 3.11 x .99 in. 108 x 79 x 25 mm
Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +85 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

## Outline Drawing:



DS-DB5350-04252019-Rev0



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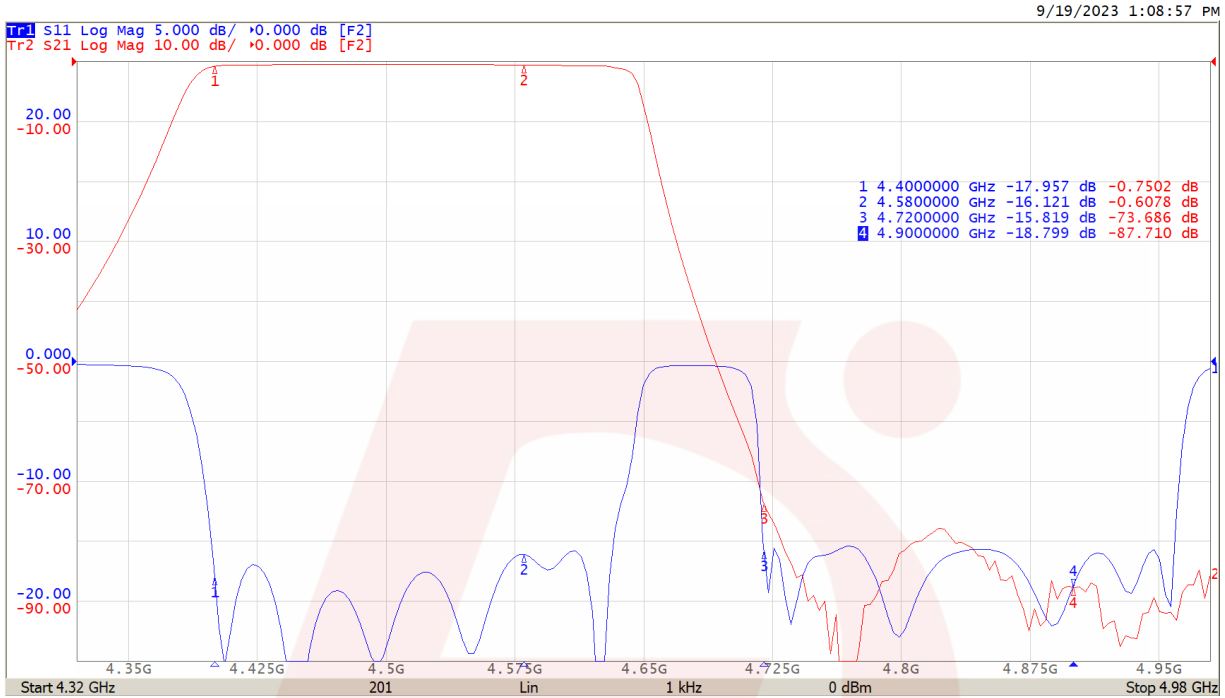
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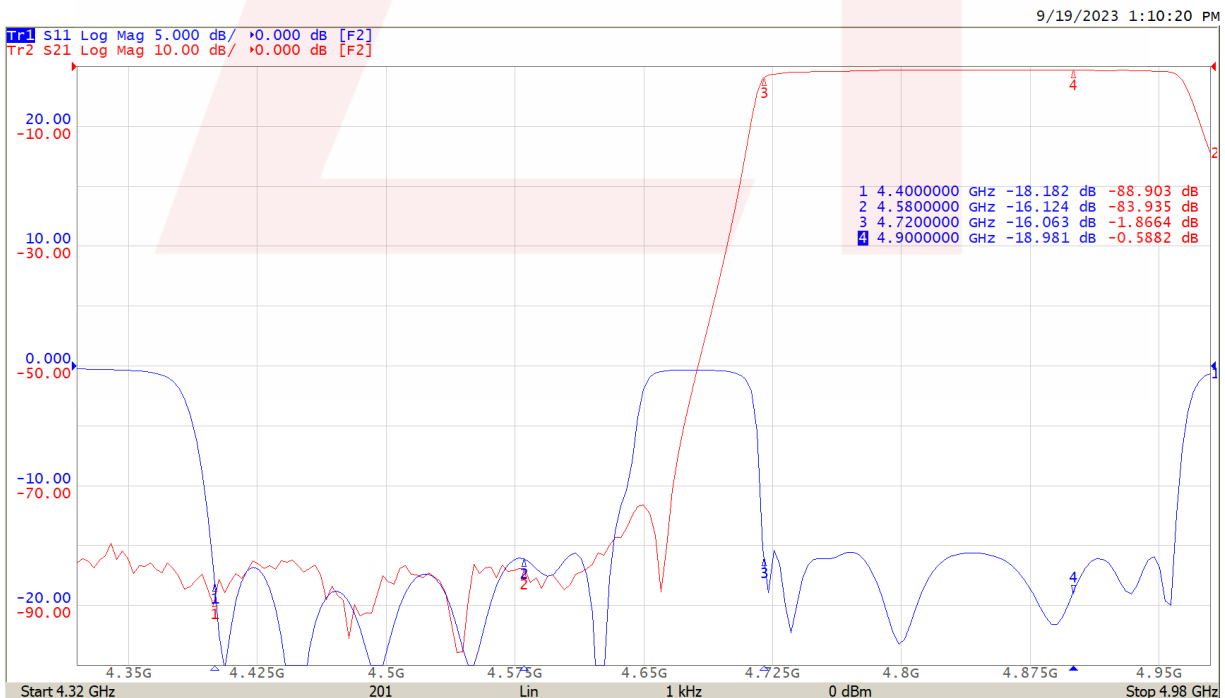


## Response Plot:

### Band 1:



### Band 2:



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