



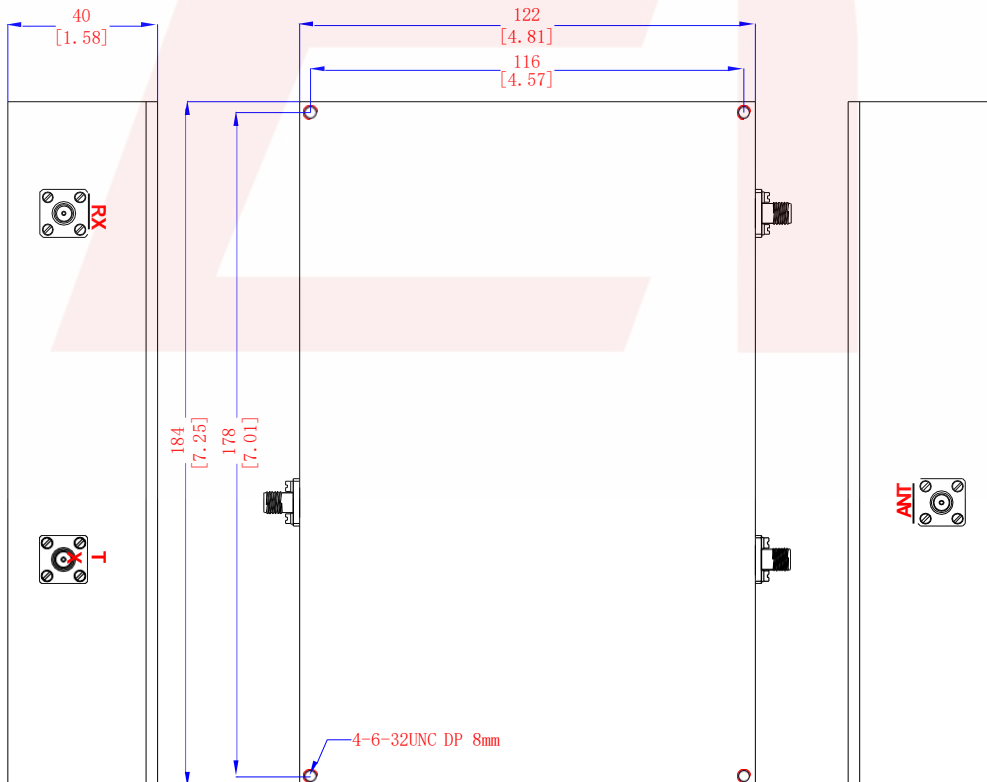
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**2025–2125 MHz / 2200–2300 MHz
S-Band Diplexer for MSS Application
For Outdoor Application
Part Number: AE2075-2250DB5535-O**



			<u>Mechanical</u>	
Characteristics	<u>ANT-RX</u>	<u>ANT-TX</u>	Connectors:	SMA Female
Passband:	2025 – 2125 MHz	2200 – 2300 MHz	Dimensions:	7.25 x 4.81 x 1.58 in 184 x 122 x 40mm
Return Loss:	17 dB Min	17 dB Min	<u>Environmental</u>	
Insertion Loss:	0.5 dB Max	0.5 dB Max		
Isolation:	80 dB Min @ 2025-2120 MHz, 2200-2300 MHz 40 dB @ Between Bands			
Impedance:	50 Ohms In/Out			
Power Handling:	100 W Average Max			
			Operating Temperature:	-40°C to +70°C
			Storage Temperature	-55°C to +85°C
			Shock:	20 G. 11ms
			Vibration:	20 G. 5 to 200 Hz
			Environment Rating:	IP67

Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm].

DS-DB5534-O-05232023-Rev0



Response Plot:

RX:



TX:

