



4400-4850 MHz / 4900-5000 MHz Cavity Diplexer



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

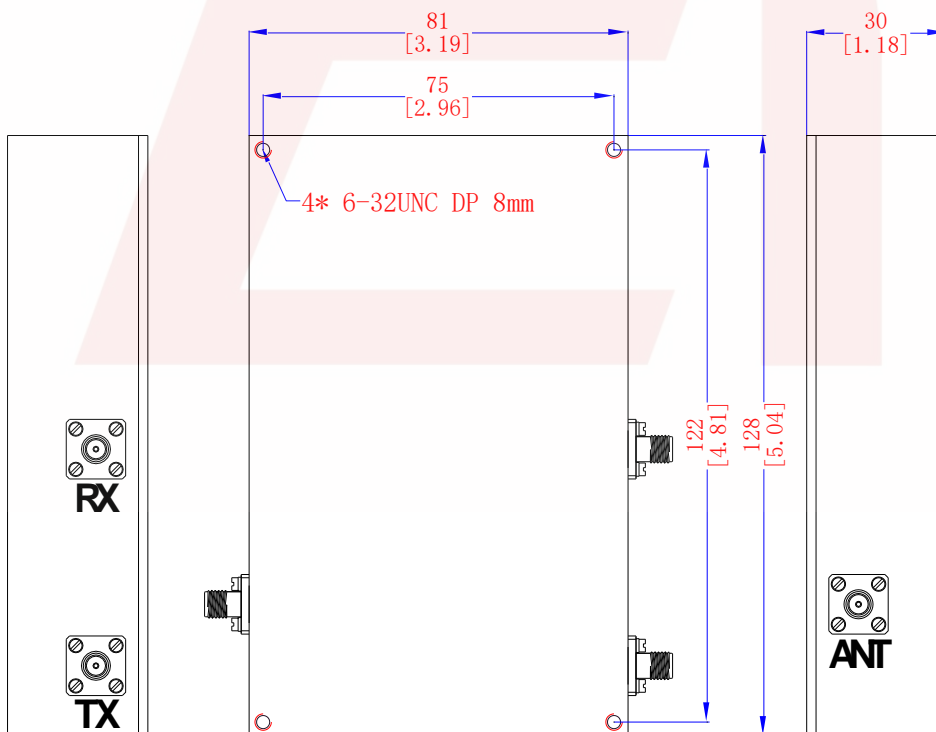
Part Number: AE4625-4950DB5549-O

Characteristics	Low Band (RX)	High Band (TX)
Passband:	4400 - 4850 MHz	4900 - 5000 MHz
Insertion Loss	0.8 dB Max	0.7 dB Max
Return Loss:	15 dB Min	15 dB Min
Rejection:	45 dB Min @ 4900 – 5000 MHz	45 dB Min @ 4400 - 4850 MHz
Impedance:	50 Ohms In/Out	
Power Handling:	50 W Average Max	

Mechanical	
Connectors:	SMA Female
Dimensions:	5.04 x 3.19 x 1.18 in 122 x 81 x 30 mm
Environmental	
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
Outdoor IP Rating	IP65

ROHS Compliant

Outline Drawing:



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

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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

DS-DB5549-O-01172024-Rev0