



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1850-1915 MHz /1930-1995 MHz

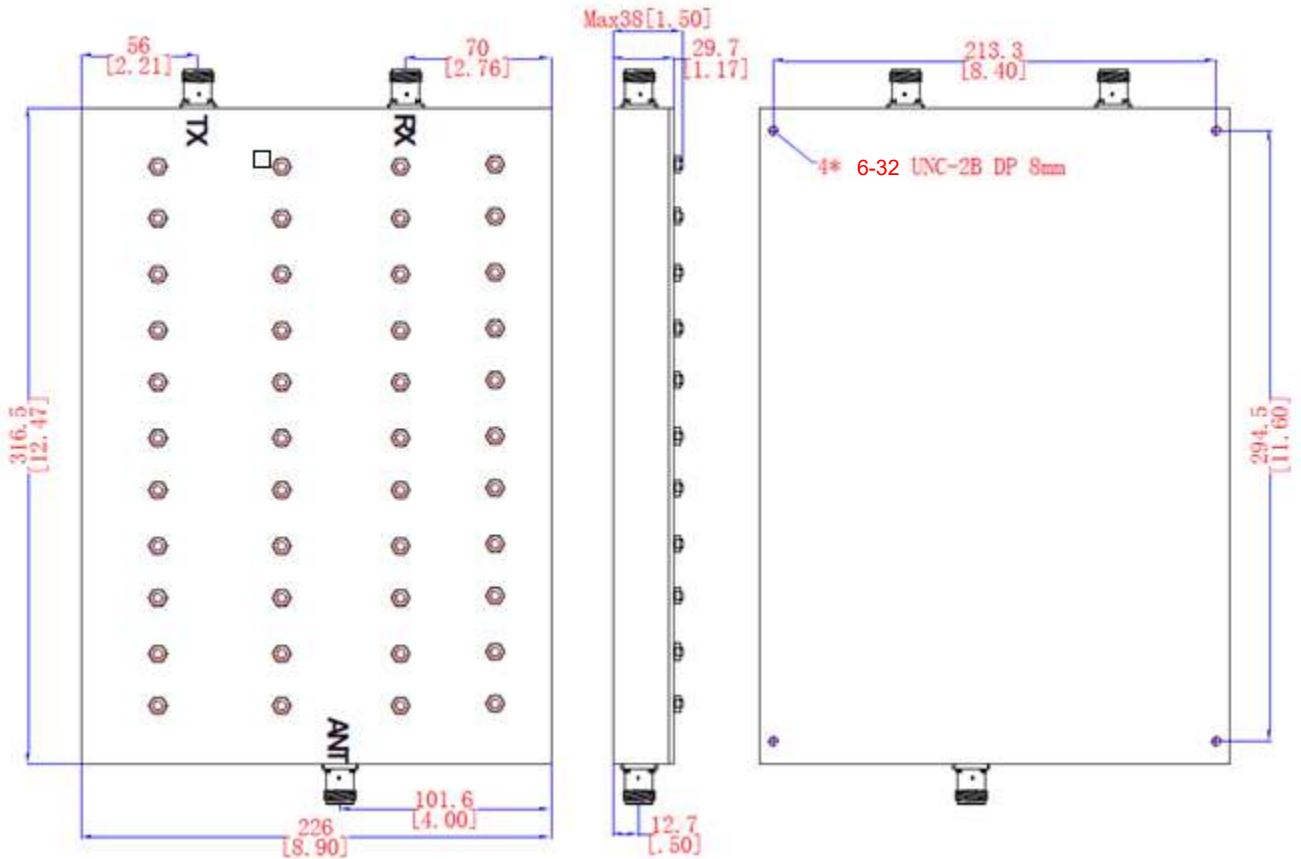
Cavity Duplexer

Part Number: AE1882-1962DB5478



<u>Characteristics</u>	<u>Band 1 (ANT-Rx)</u>	<u>Band 2 (ANT-Tx)</u>	<u>Mechanical</u>	
Passband:	1850-1915 MHz	1930-1995 MHz	Mounting Method:	Threaded Mounting Holes
Bandwidth:	65 MHz	65 MHz	Connector Type:	N Type (F)
Return Loss:	18 dB Min.	18 dB Min.	Dimensions:	12.47 x 8.90 x 1.5 In.
Insertion Loss:	1.5dB Max.	1.56dB Max.	Environmental	
Isolation:	70dB Min.	70dB Min.	Operating Temperature:	-40 to +70 deg.C
Input / Output Impedance:	50 Ohms	50 Ohms	Storage Temperature:	-50 to +90 deg.C
Power Handling:	TX: 150W (CW), 1500W (Peak)			

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 callout.

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