



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1710-1780 MHz / 2110-2200 MHz Cavity Duplexer

Part Number: AE1745-2155DB5472

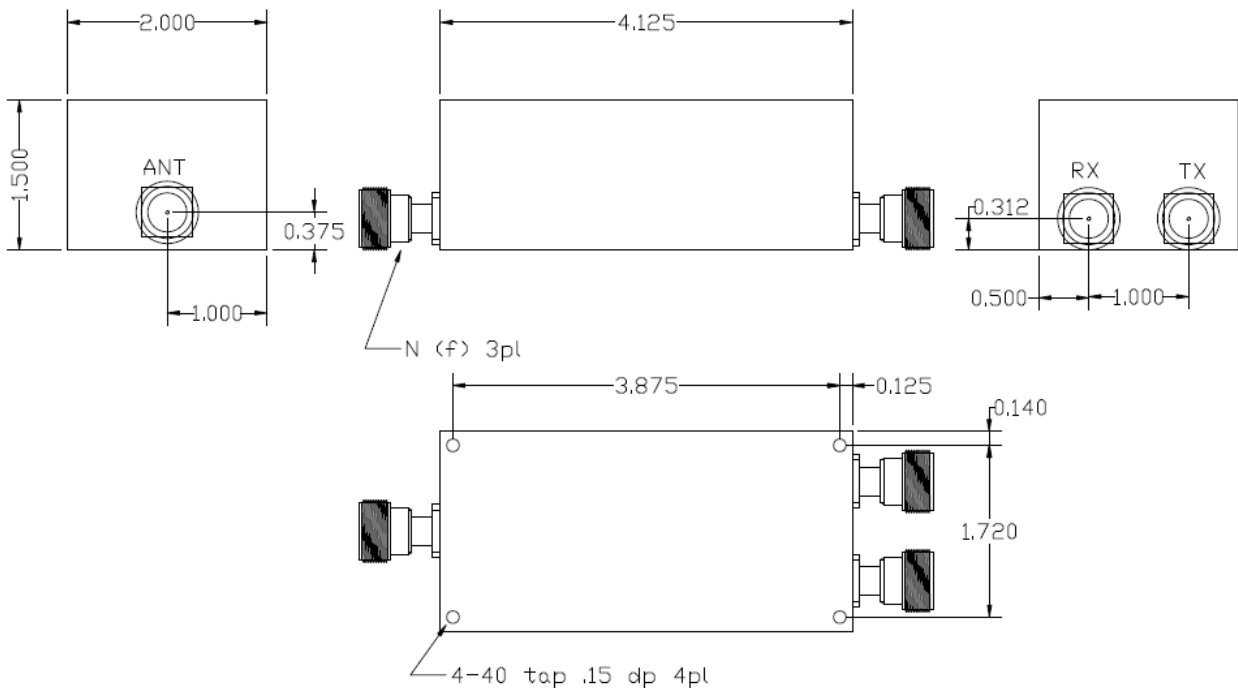


Characteristics	Band 1 (RX)	Band 2 (TX)
Passband:	1710-1780 MHz	2110-2200 MHz
Bandwidth:	70 MHz	90 MHz
Passband Return Loss:	15dB Min	15dB Min
Passband Insertion Loss:	1 dB Max	1 dB Max
Passband Ripple:	0.1 dB Max	0.1 dB Max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	70dB Min	70dB Min
Power Handling:	50 Watts	50 Watts

Mechanical	
Mounting Method:	4-40 Threaded Holes
Connector Type:	N-Type (F)
Dimensions:	4.125 x 2 x 1.5 inches

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +80 deg.C

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.