



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

# DC-6450 MHz / 7150-14000 MHz Cavity Duplexer

**Part Number: AE6450-7150DB5453**

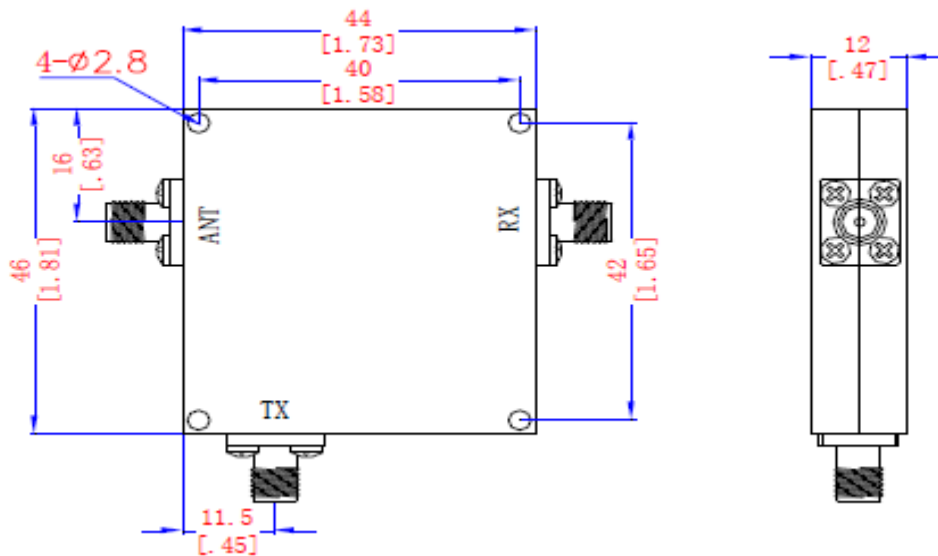


Characteristics	Band 1 (RX)	Band 2 (TX)
Passband:	DC-6450 MHz	7150-14000 MHz
Insertion Loss:	≤ 1.0dB	≤ 1.0dB
Crossover Insertion Loss:	≤ 5.0dB	≤ 5.0dB
Crossover Frequency Offset:	±2.5%	±2.5%
Return Loss:	≥ 10.88dB	≥ 10.88dB
Rejection: ≥50dB	7850-14000 MHz	DC-5750 MHz
Power Handling:	20 Watts	20 Watts

Mechanical	
Mounting Method:	2.8 mm Through Holes
Connector Type:	SMA (F)
Dimensions:	1.73 x 1.81 x 0.47 inches

Environmental	
Operating Temperature:	-40 to +75deg.C
Storage Temperature:	-50 to +85deg.C

## Outline Drawing:



Reference DCR: D050719-01A

Tolerance: ± 0.3mm