



1732.5 MHz / 2132.5 MHz Cavity Duplexer

Part Number: AD1732-2132D433

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products



<u>Characteristics</u>	RX Band	TX Band
Passband:	1710-1755 MHz	2110-2155 MHz
Bandwidth:	45 MHz	45 MHz
Passband Return Loss:	≥18 dB	≥18 dB
Passband Insertion Loss:	≤1.0 dB	≤1.0 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Rejection:	≥70 dB @ 2110-2155 MHz	≥70 dB @ 1710-1755 MHz
Isolation:	≥70 dB	≥70 dB
Power Handling:	80W (Avg.) 1KW (Peak)	80W (Avg.) 1KW (Peak)
IM3 at Duplexed Port in Rx Band:	≥135dBc(2*+43dBm)	≥135dBc(2*+43dBm)

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	4.73 x 2.44 x 1.14 inches

<u>Environmental</u>	
Operating Temperature:	-40 to +65 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:

