



1880 MHz / 1960 MHz Cavity Duplexer

Part Number: AD1880-1960D432

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	1850-1910 MHz	1930-1990 MHz
Bandwidth:	60 MHz	60 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 @ 1930-1990 MHz	≥70 dB @ 1850-1910 MHz
Isolation:	≥70 dB	≥70 dB
Power Handling:	120W (Avg.) 1KW (Peak)	120W (Avg.) 1KW (Peak)
IM3 at Duplexed Port in Rx Band:	≥135dBc(2*+43dB m)	≥135dBc(2*+43dB m)

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	7.25 x 5.26 x 1.02 inches

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

Outline Drawing:

