



# 1948.8-1958.8 /2110-2150 MHz Cavity Duplexer



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

**Part Number: AD1953-2130D404**

Characteristics	Band 1 (Rx)	Band 2 (Tx)
<b>Frequency:</b>	1948.8-1958.8 MHz	2110-2150 MHz
<b>Insertion loss:</b>	<1.0 dB	<1.0 dB
<b>Return loss:</b>	>18 dB	>18 dB
<b>Isolation:</b>	=/>60 dB@1948.8~1958.8 MHz	=/>60 dB@2110~2150 MHz
<b>Rejection:</b>	=/>45 dB@1975-1990 MHz	=/>45 dB@1975-1990 MHz
<b>Power:</b>	49 dBm Avg 58 dBm peak	49 dBm Avg 58 dBm peak

Mechanical	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	DIN (F)
<b>Dimensions:</b>	4.29" x 4.29" x 1.42" in

Environmental	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

## Outline drawing:

