



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**406-414 MHz / 434-442 MHz
Cavity Duplexer
Part Number: AD410-438D383**



<u>Characteristics</u>	<u>Band 1 (Rx)</u>	<u>Band 2 (Tx)</u>
Passband:	406-414 MHz	434-442 MHz
Passband insertion loss:	1.0 dB max	1.0 dB max
Passband Return Loss:	15 dB min	15 dB min
Chanel rejection:	55 dB min@443-442 MHz	55 dB min@406-414 MHz
Port to port isolation:	55 dB min	55 dB min
Power Handling:	50 Watts	50 Watts

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	BNC (F)
Dimensions:	250 x 230 x 73 mm

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

Outline Drawing:



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Response Plots: