



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

# 4400-5000 MHz / 5250-5850 MHz Cavity Duplexer

**P/N: AD4700-5550D424-75W**



Characteristics	Band 1( 4 GHz )	Band 2 ( 5 GHz )
Passband:	4400-5000 MHz	5250-5850 MHz
Bandwidth:	600 MHz	600 MHz
Passband Return Loss:	≥16 dB	≥16 dB
Passband Insertion Loss:	≤0.8 dB	≤0.8 dB
Passband Ripple:	≤0.35 dB	≤0.35 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	90 dB Min.	90 dB Min.
Power Handling:	75 Watts	75 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	5.36 x 3.53 x .73 inches

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

## Outline Drawing:

