



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

# 4400-4600 MHz / 4800-5000 MHz Cavity Duplexer

**Part Number: AD4500-4900D422**



Characteristics	Band 1	Band 2
Passband:	4400-4600 MHz	4800-5000 MHz
Bandwidth:	200 MHz	200 MHz
Passband Return Loss:	≥15 dB	≥15 dB
Passband Insertion Loss:	≤1.5 dB	≤1.5 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	≥ 85 dB	≥ 85 dB
Power Handling:	25 Watts	25 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N (F)
Dimensions:	4.77 x 3.74 x 1.18 inches

Environmental	
Operating Temperature:	-40 to +85 deg.C
Storage Temperature:	-50 to +90 deg.C
Lightning Suppression:	DC Short

## Outline Drawing:

