



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

**806-894 MHz / 902-960 MHz  
Cavity Duplexer  
Part Number: AD850-931D399**



Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency range:	806-894 MHz	902-960 MHz
Isolation:	90 dBc@902-960 MHz	85 dBc@806-894
Insertion loss:	1 dB@809-891	1.5 dB@806-894 MHz
Return loss:	=/>>20 dB	=/>>20 dB
Ripple:	0.3 p-p	0.3 p-p
Passive intermodulation IDM3:	<150 dBc@2x43 dBm	
Power:	200 Watts	
GSM port:	50 Watts	50 Watts
Common port:	250 Watts	250 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	7/16 (F)
Dimensions:	14.29" x 10.13" x 3.43" in

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

**Outline Drawing:**

