



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**806-824 MHz / 851-869 MHz
Cavity Duplexer
Part Number: AD815-860D419**



Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency range:	806~824 MHz	851~869 MHz
Insertion loss:	=/<1.0 dB max	=/<2.0 dB
Ripple:	+/- 0.5 dB	=/<+/-0.75 dB (=/<+/-0.25 dB@854-869 MHz)
Return loss:	=/>14 dB	=/>14 dB
Rejection:	=/>70 dB@DC~650 MHz	=/>80 dB@DC~806 MHz
	=/>85 dB@650~680 MHz	=/>70 dB@806~824 MHz
	=/>70 dB@680~750 MHz	=/>50 dB@824~849 MHz
	=/>40 dB @780~790 MHz	=/>20 dB@920~2000 MHz
	=/>65 dB@851~869 MHz	-
	=/>18 dB@869~1390 MHz	-
	=/>45 dB@1390~1570 MHz	-
	=/>25 dB @1570~2000 MHz	-
Power:	100 Watts	100 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	BNC (F)
Dimensions:	15.16" x 7.00" x 3.15" in

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



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Outline drawing:

