



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:

