



AWS/PCS Full Band Dual Duplexer

P/N: AD1710-2155/1850-1990D438



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Characteristics	Band 1	Band 2
Passband:	1710-1755 MHz, 2110-2155 MHz	1850-1910 MHz, 1930-1990 MHz
Bandwidth:	45 MHz	60 MHz
Passband Return Loss:	≥20 dB	≥20 dB
Passband Insertion Loss:	<0.3 dB	<0.3 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	≥50 dB	≥50 dB
Power Handling:	250 Watts	250 Watts
PIM:	>150dBc @ (3 rd order; with 2 x 20 W)	
DC/AISG:	By-pass between all ports (max. 2500 mA)	

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	7/16 (F)
Dimensions:	8.27 x 6.07 x 2.36 inches

Environmental	
Environment Class:	IP66
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Lightning Protection:	3 kA, 10/350 ms

Outline Drawing:

