

## Technical Specification

	ANT-Tx	ANT-Rx
Center Frequency(f0)( MHz)	1397.5	1429.0
Bandwidth(MHz)	1395-1400	1427-1432
Insertion Loss( dB)	2.5 max	3.5 max
Ripple (dB)	2.0 max	2.0 max
Return Loss(dB)	15.0 min	15.0 min
Input Power(W)	3 max	3 max
Attenuation(dB @MHz)	50 min@600~620 30 min@806~960 50 min@1427~1432 30 min@1710~2200	50 min@600~620 30 min@806~960 60 min@1427~1432 30 min@1710~2200
Isolation(dB)	50 min at 1395~1397MHz 50 min at 1427~1432MHz	
In/Out Impedance( $\Omega$ )	50	
Operation Temperature( $^{\circ}$ C)	-40 ~ +85	
Net Weight(Kg)	0.015 Around	

## Test Results

1397.5MHz										
Insertion Loss(dB)			Ripple(dB)	Return Loss(dB)			Attenuation(dB)			
1395 MHz	1397.5 MHz	1400 MHz	1395~1400 MHz	1395 MHz	1397.5 MHz	1400 MHz	600~620 MHz	806~960 MHz	1427~1432 MHz	1710~2200 MHz
1.64	1.79	2.09	0.45	26.2	26.6	26.8	58.6	47.8	72.6	32.4
1429.5MHz										
Insertion Loss(dB)			Ripple(dB)	Return Loss(dB)			Attenuation(dB)			
1427 MHz	1429.5 MHz	1432 MHz	1427~1432 MHz	1427 MHz	1429.5 MHz	1432 MHz	600~620 MHz	806~960 MHz	1427~1432 MHz	1710~2200 MHz
1.98	1.76	1.53	0.45	25.1	24.1	23.0	57.8	49.8	60.4	36.5
Isolation(dB)										
1427~1432MHz						1375~1400MHz				
66.3						59.2				