

Dual Duplexer (CDMA + WCDMA)
(1/2)


Dual Duplexer(CDMA+WCDMA)

CDMA Specifications		
Item	RX	TX
Frequency Range	824.025 ~ 848.985MHz	869.025 ~ 893.985MHz
Insertion Loss (Max.)	1.5dB	1.5dB
Return Loss (Min.)	18dB	18dB
Pass Band Ripple (Max.)	1.2dB	1.2dB
Attenuation (Min.)	25dBc @ 821MHz 25dBc @ 851MHz	20dBc @ 866MHz 25dBc @ 896MHz 20dBc @ 896MHz
Harmonics 2 nd (Min.)	-	80dBc
Coupling Port	-	30dB ± 1.0dB
Isolation (Min.)	80dB	
Passive IM (Min.)	-	3rd : 140dBc 5rd : 160dBc (20W 2tone Input)
Input Power	-	150W
Impedance	50	
Temperature / Humidity	-30 ~ +70 / 5 ~ 90%	
Connector Type	TX : N – Female , RX : SMA - Female	

Dual Duplexer (CDMA + WCDMA)
(2/2)

WCDMA Specifications		
Item	RX	TX
Frequency Range	1940.88 ~ 1959.32MHz	2130.88 ~ 2149.32MHz
Insertion Loss (Max.)	1.5dB	1.2dB
Return Loss (Min.)	18dB	18dB
Pass Band Ripple (Max.)	1.0dB	1.0dB
Attenuation (Min.)	10dB @ 1937.5MHz	10dB @ 2127.5MHz
	10dB @ 1962.5MHz	10dB @ 2152.5MHz
	60dBc @ 9KHz ~ 800MHz 80dBc @ 800KHz ~ 1870MHz 80dBc @ 2300KHz ~ 2700MHz 40dBc @ 2700KHz ~ 12.75MHz	
Harmonics 2 nd (Min.)	-	80dBc
Coupling Port	-	40dB ± 1.0dB
Coupler Directivity (Min.)	-	15dB
Isolation (Min.)	110dB	
Passive IM (Min.)	-	3rd : 140dBc 5th : 160dBc (20W 2tone Input)
Input Power	-	150W
Impedance	50	
Temperature / Humidity	-30 ~ +70 / 5 ~ 90%	
Connector Type	TX : N – Female , RX : SMA - Female	