

### Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- 7/16 & N Connector Mount

### Descriptions

7/16 & N connector mount cavity multiplexer developed for LTE bands applications.

### Electrical Specifications

Parameter	Unit	Specification				
		P1 12/13/17 DL	P2 5/6/18/19/26 DL	P3 2/25 DL	P4 10/4 DL	P5 Band-7 DL
Center Frequency	MHz	742.5	881.5	1962.5	2140	2655
Passband Frequency Range	MHz	728~757	869 ~ 894	1930~1995	2110~2170	2620~2690
Insertion Loss in Passband	dB	1.8 max				
Ripple in Passband	dB	1.2 max				
Return Loss (VSWR) in Passband	dB	17.0 min				
Cross Band Isolation	dB	45 min				
Isolation	dB	70 min				
Power Handling	W	100 CW		200 CW		100 CW
PIM (2 x 20)	dBc	-135				
In/Out Impedance	Ohm	50				

Parameter	Unit	Specification				
		P6 12/13/17 UL	P6 5/6/18/19/26 UL	P6 2/25 UL	P6 10/4 UL	P6 Band-7 UL
Center Frequency	MHz	707/781.5	836.5	1882.5	1740	2535
Passband Frequency Range	MHz	698~716/ 776 ~ 787	824 ~ 849	1850~1915	1710~1770	2500~2570
Insertion Loss in Passband	dB	1.8 max				
Ripple in Passband	dB	1.2 max				
Return Loss (VSWR) in Passband	dB	17.0 min				
Isolation	dB	70 min				
Power Handling	W	1 CW				
In/Out Impedance	Ohm	50				

## General Specifications

Operating Temperature	°C	-10 ~ +60
Connectors	-	ANT : 7/16-Female / P1 ~ P6 : N-Female
Dimensions	mm	230 x 220 x 97 (L x W x H)
RoHS	-	YES

## Mechanical Drawing

