

**Features**

- Low Insertion Loss
- High Attenuation
- Low PIM
- Din & N Connector Mount

**Descriptions**

Din & N connector mount low PIM cavity duplexer developed for LTE band-3 applications.

**Electrical Specifications**

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1747.5	1842.5
Passband Frequency Range	MHz	1710~1785	1805~1880
Insertion Loss in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	20.0 min	20.0 min
Attenuation at Reject Band	dB	90 min @ 1805~1880MHz	90 min @ 1710~1785MHz
PIM	dBc	173 min, 2-tone@+43dBm	
In/Out Impedance	Ohm	50	
Power Handling	Watt	200 CW max, 1500 peak	
Temperature Range	°C	-20 ~ +55	
Dimensions	mm	255.0 x 170.0 x 55.0(L x W x H)	
Connectors	-	7/16 DIN @com Port, N-female @ TX/RX Ports	
RoHS	-	Yes	

**Mechanical Drawing**

