

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Low PIM

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	1.5 max	1.5 max
Return Loss (VSWR) in Passband	dB	20.0 min	20.0 min
Attenuation at Reject Band	dB	95 min @ 1805~1880MHz	110 min @ 1710~1785MHz
PIM	dBc	170 min, 2-tone@+43dBm	
In/Out Impedance	Ohm	50	
Power Handling	Watt	200.0 CW max, 1500 peak	
Temperature Range	°C	-20 ~ +55	
Dimensions	mm	325.0 x 145.0 x 56.0(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

