

Features

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

Descriptions

Din&N connector mount low PIM cavity duplexer developed for LTE band-31 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	454	466
Passband Frequency Range	MHz	450~458	462~470
Insertion Loss in Passband	dB	1.6 max	1.6 max
Return Loss (VSWR) in Passband	dB	20.0 min	20.0 min
Attenuation at Reject Band	dB	90 min @ 462~470MHz	90 min @ 450~458MHz
PIM	dBc	168 min, 2-tone@+43dBm	
In/Out Impedance	Ohm	50	
Power Handling	Watt	200 CW max, 1500 peak	
Temperature Range	°C	-10 ~ +65	
Dimensions	mm	314.0 x 314.0 x 90.0(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

