

DDCC710-740-12A1

LTE Band-17 Cavity Duplexers

Rev 2 – Original Revision Date: August 31, 2015 – Revision Date: September 18, 2015

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- N&SMA Connector Mount

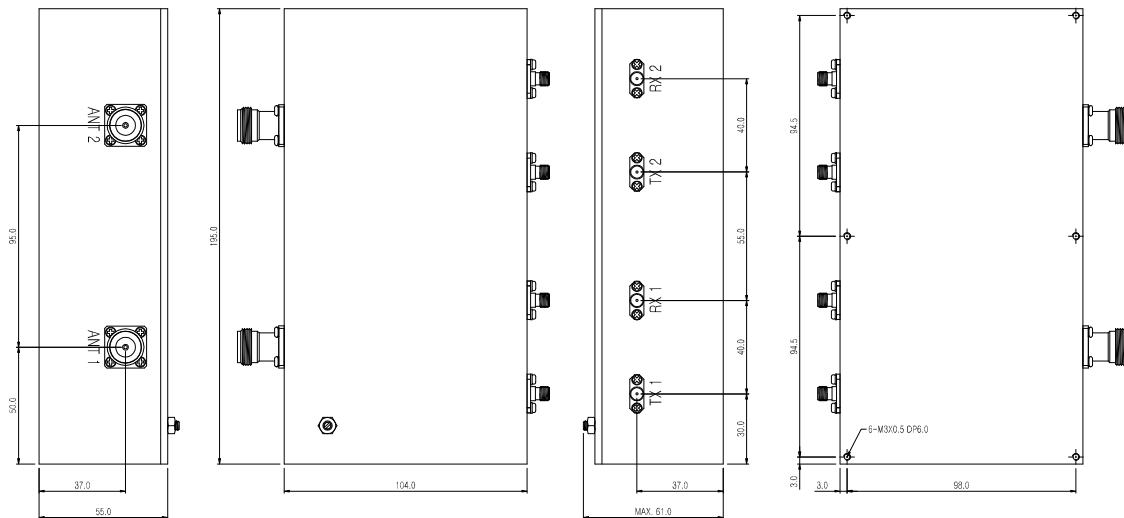
Descriptions

N&SMA connector mount cavity duplexers developed for LTE band-17 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW(RX)	HIGH(TX)
Center Frequency	MHz	710	740
Passband Frequency Range	MHz	704~716	734~746
Insertion Loss in Passband	dB	1.5 max	1.5 max
Ripple in Passband	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation at Reject Band	dB	80 min @ 734~746 MHz	80 min @ 704~716 MHz
Power Handling	Watt	5.0 max	
In/Out Impedance	Ohm	50	
In/Out Connectors	-	IN: N-Type, OUT: SMA Female	
Operating Temp. Range	°C	-40 ~ +85	
Dimensions	mm	195.0 x 104.0 x 55.0(L x W x H)	
Finish	-	Black Color Epoxy	
RoHS	-	Yes	

Mechanical Drawing



Electrical Response

