

## Features

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

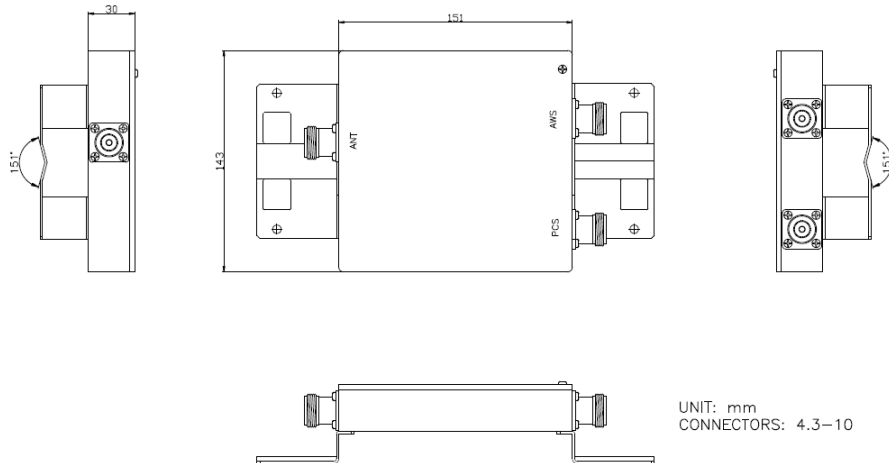
## Descriptions

SMA connector mount cavity duplexer with couplers developed for LTE band-2 applications.

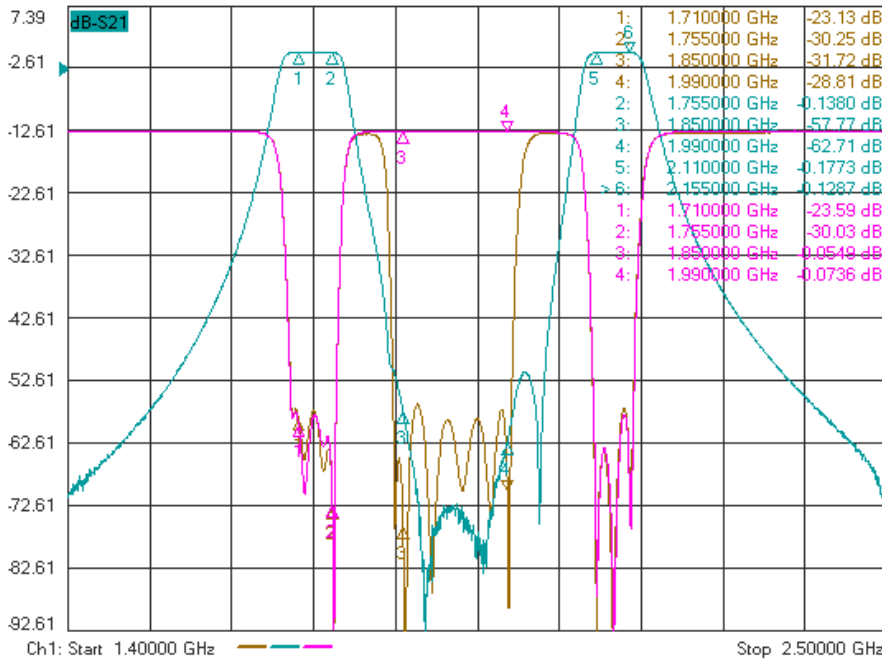
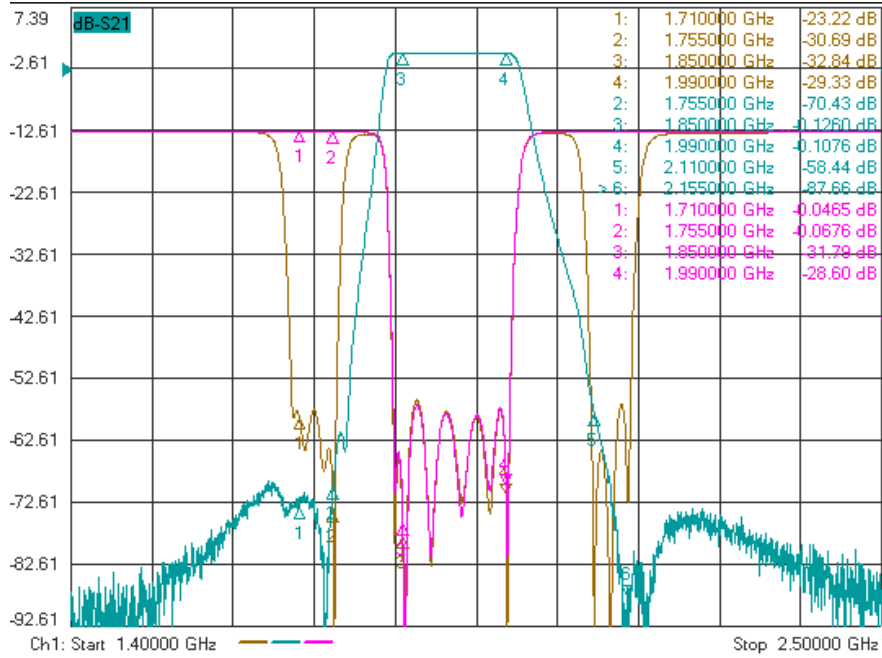
## Electrical Specifications

Parameter	Unit	Specification			
		PCS Band		AWS Band	
Center Frequency	MHz	1880	1960	1732.5	2132.5
Passband	MHz	1850~1910	1930~1990	1710~1755	2110~2155
Insertion Loss	dB	0.35 max			
Return Loss	dB	19.1 min			
Ripple	dB	0.35 max			
Isolation	dB	50 min			
Impedance	Ohm	50			
Operating Temperature	°C	-40 ~ +85			
Connectors	-	4.3-10 Connector @ All Ports			
Dimensions	mm	151 x 143 x 30(L x W x H)			
RoHS	-	Yes			

## Mechanical Drawing



## Electrical Response



# CDCC2-000001A1

Cavity Duplexer Combiner

Rev 2 – Revision Date: November 20, 2015 – Revision Date: April 7, 2016

