DDCCU822-867-15A1

LTE Band-18 Cavity Duplexer

Rev 1– Revision Date: April 12, 2016

Features

- Low Insertion Loss
- High Attenuation
- Dual Duplexers
- Universal Layout for LTE Band1 to 20

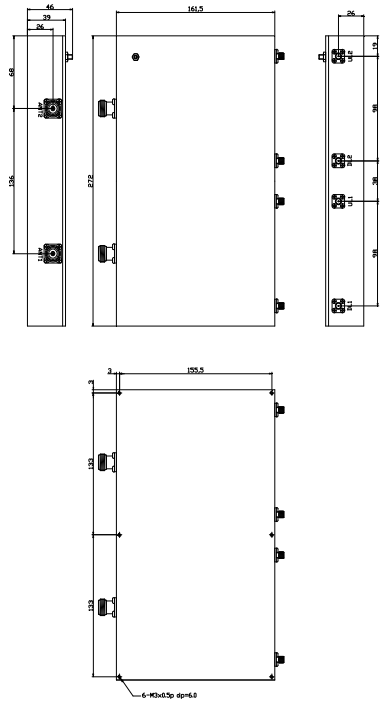
Descriptions

Connectorized dual cavity duplexer developed for LTE band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	822.5	867.5
Passband Frequency Range	MHz	815~ 830	860 ~ 875
Insertion Loss in Passband	dB	1.8 max	1.8 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18 min	18 min
Isolation	dB	80 min	
Power Handling	Watt	5 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-20 ~ +70	
Dimensions	mm	272.0 x 161.5 x 39 (L x W x H)	
RoHS	-	Yes	

Mechanical Drawing



MCV MICROWAVE | 6349 NANCY RIDGE DRIVE, SAN DIEGO, CA 92121 | 858.450.0468 | **www.mcv-microwave.com**