

DCC902-947-25A1

GSM Cavity Duplexer

Rev 2- Original Revision Date: November 07, 2014 - Revision Date: September 29, 2015

Features

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

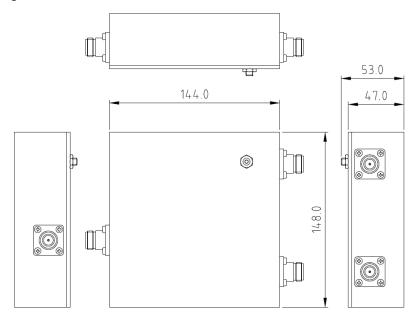
Descriptions

N connector mount cavity duplexer developed for GSM band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW(RX)	HIGH(TX)
Center Frequency	MHz	902.5	947.5
Passband Frequency Range	MHz	Fc ±12.5 min (890~915 MHz)	Fc ±12.5 min (935~960 MHz)
Insertion Loss in Passband	dB	1.0 max	1.0 max
Ripple in Passband	dB	0.7 max	0.7 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation	dB	55 min @ 935~960MHz	55 min @ 890~915MHz
Power Handling	Watt	120 CW max, 1200 peak	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ + 85	
Dimensions	mm	144 x 148 x 47(L x W x H)	

Mechanical Drawing





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Electrical Response

