

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	942.5
Passband Frequency Range	MHz	$F_c \pm 12.5$ min (890~915 MHz)	$F_c \pm 15$ min (925~960 MHz)
Insertion Loss in Passband	dB	1.0 max	1.0 max
Ripple in Passband	dB	0.8 max	0.8 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation	dB	60 min @ 925~960MHz	60 min @ 890~915MHz
Isolation	dB	60 min	
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-20 ~ +70	
Dimensions	mm	116 x 119.5 x 39(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

