

Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size

Descriptions

Connector mount cavity duplexer

Electrical Specifications

Parameter	Unit	Specification	
Center Frequency	MHz	859	2288.5
Frequency Range	MHz	824 ~ 894	1920 ~ 2655
Passband Bandwidth	MHz	70	735
Insertion Loss in BW	dB	0.5 max	0.5 max
Passband Ripple	dB	0.2 max	0.2 max
Return Loss in BW	dB	18.0 min	18.0 min
Isolation	dBc	45 min @ 1920 ~ 2655 MHz	45 min @ 824 ~ 894 MHz
Passive IMD	dBc	3 rd : 130 min, 5 th : 150 min (1 W, 2-Tone Input)	
IN/OUT Impedance	Ω	50	
Operating Temperature	$^{\circ}$ C	-33 ~ +60	
Relative Humidity	%	15 ~ 90	
Dimensions	mm	180 x 106 x 58.6 (L x W x H)	

Mechanical Drawing



Electrical Response

