

Features

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

Descriptions

SMA connector mount cavity duplexers developed for PCS/Cell800MHz applications.

Electrical Specifications

Parameter	Unit	Specification			
		CELL800MHz Duplexer		PCS Duplexer	
		RX1	TX1	RX2	TX2
Center Frequency	MHz	836.5	881.5	1882.5	1962.5
Passband Frequency Range	MHz	824 ~ 849	869 ~ 894	1850~1915	1930~1995
Insertion Loss in Passband	dB	1.0 max		1.0 max	
Ripple in Passband	dB	1.0 max		1.0 max	
Return Loss (VSWR) in Passband	dB	15.0 min		15.0 min	
Attenuation	dB	80 min @869~894MHz	80 min @824~849MHz	80 min @1930~1995MHz	80 min @1850~1915MHz
Power Handling	Watt	50 CW max			
In/Out Impedance	Ohm	50			
Operating Temperature	°C	-10 ~ +65			
Connectors	-	SMA Female @ All Ports			
Dimensions (max)	mm	177.8 x 142.2 x 78.7 (L x W x H) without connectors			
Finish	-	Silver Plated			
Weight	Kg	3.5 max			

Mechanical Drawing

