

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- 4.3-10 Connector Mount

Descriptions

Mini-DIN 4.3-10 connector mount 3 dB hybrid coupler type cavity diplexer developed for PCS applications.

Electrical Specifications

Parameter	Unit	Specification			
		PORT-1		PORT-2	
		RX1	TX1	RX2	TX2
Center Frequency	MHz	1872.5	1957.5	1892.5	1977.5
Passband Frequency Range	MHz	1870~1875	1950~1965	1875~1910	1965~1990
Insertion Loss in Passband	dB	3.5 max		3.5 max	
Return Loss (VSWR) in Passband	dB	18.0 min		18.0 min	
Isolation	dB	20 min @ Port 1 & Port 2			
Power Handling	Watt	60 CW max			
PIMD	dBc	-153 min @ 2X20W			
In/Out Impedance	Ohm	50			
Operating Temperature	°C	-20 ~ +60			
Connectors	-	4.3-10 Female @ All Ports			
Dimensions (max)	mm	150 x 127 x 136 (L x W x H) without connectors and flange			
Weight	Kg	5.3			

Mechanical Drawing

