

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

Descriptions

Surface mount ceramic multiplexer developed for CELL, GSM, DCS&UMTS band applications.

Electrical Specifications

Parameter	Specification			
	BAND-1(CELL)	BAND-2(GSM)	BAND-3(DCS)	BAND-4(UMTS)
Center Frequency	836.5MHz	902MHz	1747.5MHz	1950MHz
Band Width	Fc±12.5MHz (824 ~ 849MHz)	Fc±20MHz (882 ~ 922MHz)	Fc±37.5MHz (1710 ~ 1785MHz)	Fc±30MHz (1920 ~ 1980MHz)
Insertion Loss in Passband	3.5dB max	3.5dB max	4.5dB max	4.5dB max
Ripple in Passband	2.0dB max	2.0dB max	2.0dB max	2.0dB max
Return Loss (VSWR) in Passband	15dB min	15dB min	15dB min	15dB min
Attenuation	35dB@804MHz 35dB@869MHz 55dB@ 882~922MHz	35dB@862MHz 35dB@944MHz 55dB@ 824~849MHz	20dB@1690MHz 20dB@1795MHz 55dB@ 1920~1980MHz	20dB@1900MHz 20dB@2000MHz 55dB@ 1710~1785MHz
Isolation	55dB min			
Power Handling	10W CW max			
In/Out Impedance	50 Ohm			
Operating Temperature	-20 ~ +60 °C			
Dimensions	110 x 60 x 10 (L x W x H)			
RoHS	Yes			

Mechanical Drawing

