

Features

- Low Insertion Loss
- High Attenuation
- SMA Connector
- LTE & UMTS Cavity Quadruplexer

Descriptions

SMA connectorized cavity Quadruplexer developed for LTE & UMTS band applications.

Electrical Specifications

Parameter	Unit	Specification			
		1800 RX Band	2100 RX Band	1800 TX Band	2100 TX Band
Center Frequency	MHz	1756.7	1970	1851.7	2160
Band Width	MHz	1746.7 ~ 1766.7	1960 ~ 1980	1841.7 ~ 1861.7	2150 ~ 2170
Insertion Loss in BW	dB	1.0 max	1.0 max	1.0 max	1.0 max
Return Loss	dB	14.0 min	14.0 min	14.0 min	14.0 min
Attenuation	dB	>60 @0-1000 MHz	>60 @0-1000 MHz	>55 @0-1000 MHz	>55 @0-1000 MHz
		>10 @1000-1726.7MHz	>30 @1000-1841.7MHz	>30 @1000-1746.7MHz	>30 @1000-1746.7MHz
		>10 @1786.7-1841.7MHz	>65 @1841.7-1861.7MHz	>80 @1746.7-1766.7MHz	>80 @1746.7-1766.7MHz
		>65 @1841.7-1861.7MHz	>10 @1861.7-1940MHz	>15 @1766.7-1831.7MHz	>15 @1766.7-1960MHz
		>30 @1861.7-2150MHz	>10 @2000-2150MHz	>15 @1871.7-1960MHz	>80 @1960-1980MHz
		>65 @2150-2170MHz	>65 @2150-2170MHz	>80 @1960-1980MHz	>15 @1980-2140MHz
		>30 @2170-12750MHz	>30 @2170-12750MHz	>30 @1980-12750MHz	>15 @2180-2300MHz
					>30 @2300-12750MHz
Input Power	Watt	10 CW max			
IN/OUT Impedance	Ω	50			
Dimensions	mm	197 x 155 x 32			