

Features

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

Descriptions

SMA connector mount cavity dual bandpass filter developed for LTE band-17 applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|---------------------------------|----------------------|
| | | LOW(RX) | HIGH(TX) |
| Center Frequency | MHz | 710 | 740 |
| Passband Frequency Range | MHz | 704~716 | 734~746 |
| Insertion Loss in Passband | dB | 1.5 max | 1.5 max |
| Ripple in Passband | dB | 0.5 max | 0.5 max |
| Return Loss (VSWR) in Passband | dB | 18.0 min | 18.0 min |
| Attenuation at Reject Band | dB | 80 min @ 734~746 MHz | 80 min @ 704~716 MHz |
| Power Handling | Watt | 5.0 max | |
| In/Out Impedance | Ohm | 50 | |
| In/Out Connectors | - | SMA Female | |
| Operating Temp. Range | °C | -40 ~ +85 | |
| Dimensions | mm | 104.0 x 104.0 x 55.0(L x W x H) | |
| Finish | - | Black Color Epoxy | |
| RoHS | - | Yes | |

Mechanical Drawing

