

Features

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

Descriptions

N connector mount cavity duplexer developed for LTE band-28 applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|---------------------------|---------------------|
| | | Band-17 | Band-13 |
| Center Frequency | MHz | 725.5 | 780.5 |
| Passband Frequency Range | MHz | 703~748 | 758~803 |
| Insertion Loss in Passband | dB | 1.0 max | 1.0 max |
| Ripple in Passband | dB | 0.5 max | 0.5 max |
| Return Loss (VSWR) in Passband | dB | 18.0 min | 18.0 min |
| Attenuation | dB | 50 min @ 758~803MHz | 50 min @ 703~748MHz |
| Isolation | dB | 50 min | |
| PIMD | dBc | 140 min @ 43dBm 2Tone | |
| Power Handling | Watt | 20 CW max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +85 | |
| Dimensions | mm | 120 x 116 x 39(L x W x H) | |
| RoHS | - | Yes | |

Mechanical Drawing

