

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Wide Temperature Range

Descriptions

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

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|---------------------------|-----------------------|
| | | Rx Band | Tx Band |
| Center Frequency | MHZ | 725.5 | 780.5 |
| Passband Frequency Range | MHZ | 703~748 | 758~803 |
| Insertion Loss in Passband | dB | 1.5 max | 1.5 max |
| Ripple in Passband | dB | 1.0 max | 1.0 max |
| Return Loss (VSWR) in Passband | dB | 14.0 min | 18.0 min |
| Attenuation | dB | 100 min @ 758~803MHz | 100 min @ 703~748MHz |
| | | 60 min @ 803~3000MHz | 15 min @ 813~823MHz |
| | | 45 min @ 3000~12750MHz | 45 min @ 823~12750MHz |
| Isolation | dB | 100 min | |
| Power Handling | Watt | 80 CW max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +125 | |
| Dimensions | mm | 280 x 167 x 50(L x W x H) | |
| RoHS | - | Yes | |

Mechanical Drawing



