

Features

- Low Insertion Loss
- High Attenuation
- Low PIM
- Dual Duplexers

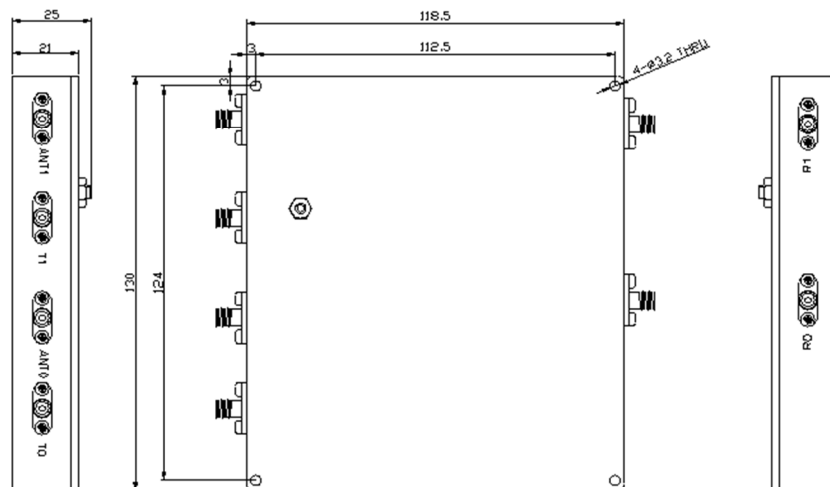
Descriptions

Connectorized dual cavity duplexer developed for LTE band applications.

Electrical Specifications

| Parameter | Unit | Specification | |
|--------------------------------|------|------------------------------|------------------------|
| | | LOW | HIGH |
| Center Frequency | MHz | 1747.5 | 1842.5 |
| Passband Frequency Range | MHz | 1710 ~ 1785 | 1805 ~ 1880 |
| Insertion Loss in Passband | dB | 0.8 max | 0.8 max |
| Ripple in Passband | dB | 0.5 max | 0.5 max |
| Return Loss (VSWR) in Passband | dB | 18 min | 18 min |
| Attenuation | dB | 25 min @1805 ~ 1880MHz | 25 min @1710 ~ 1785MHz |
| PIMD | dBc | 140 min @ 40dBm 2Tone | |
| Power Handling | Watt | 50 CW max | |
| In/Out Impedance | Ohm | 50 | |
| Operating Temperature | °C | -40 ~ +85 | |
| Dimensions | mm | 118.5 x 130 x 21 (L x W x H) | |
| RoHS | - | Yes | |

Mechanical Drawing



Electrical Response

