



CMD182-47

Filter Duplexer, TX 5.3 / RX 5.8

Revision 1, November 5, 2002

Transmit Channel

Passband: 5250 – 5350 MHz
0.5 dB Bandwidth: 100 MHz min.
3.0 dB Bandwidth: 200 MHz max.
Insertion Loss: 1.5 dB max.
Ripple: 0.2 dB max.
Group Delay: 1.0 nS / 10 MHz
 8.0 nS over passband
Return Loss: 18.0 dB min.
Rejection:
 DC – 4500 MHz 60 dB min
 6500 – 18000 MHz 60 dB min.
Isolation Tx to Rx: 60 dB min.
2nd, 3rd Harmonic: 100 dBc
Impedance: 50 Ohms

Receive Channel

Passband: 5725 – 5825 MHz
0.5 dB Bandwidth: 100 MHz min.
3.0 dB Bandwidth: 200 MHz max.
Insertion Loss: 1.5 dB max.
Ripple: 0.2 dB max.
Group Delay: 1.0 nS / 10 MHz
 8.0 nS over passband
Return Loss: 18.0 dB min.
Rejection:
 DC – 4500 MHz 60 dB min.
 6500 – 18000 MHz 60 dB min.
Isolation Rx to Tx: 60 dB min.
2nd, 3rd Harmonic: 100 dBc
Impedance: 50 Ohms

Operation Temp: -40 to +80°C
Storage Temp: -40 to +85°C

