



CMD112

PCS Duplexer

Revision 1, March 3, 2003

Receive Channel

Passband: 1850 – 1910 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 18.0 dB min.
Rejection:
 DC – 1790 MHz 60 dB min
 1930 – 1990 MHz 95 dB min.
 1990 – 3980 MHz 60 dB min.
Isolation Tx to Rx: 95 dB min.

Transmit Channel

Passband: 1930 - 1990 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 18.0 dB min.
Rejection:
 DC – 1910 MHz 95 dB min.
 2050 – 3980 MHz 60 dB min.
Isolation Rx to Tx: 95 dB min.
Power: 100 Watts CW

Intermodulation: -105 dBm max @ RX with two +42 dBm CW carriers (Ant. Terminated)
Operation Temp: 0° to +60°C
Storage Temp: -40° to +85°C

