



CMD243

PCS Fullband Duplexer

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 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: 50 Watts CW
 800 Watts PIP
IMD: -105 dBm with two +43 dBm CW carriers in at TX port, measured at RX

Operation Temp: 0° to +60°C
Storage Temp: -40° to +85°C

