



CMD259

AMPS A-Band Duplexer

Receive Channel

Passband: 824 – 846.5 MHz
Insertion Loss: 1.8 dB max.
Return Loss: 18.0 dB min.
Rejection:
 DC - 800 MHz 90 dB min
 800 – 820 MHz 30 dB min.
 820 – 822.5 MHz 20 dB min.
 822.5 – 823 MHz 7.5 dB min.
 847.5 – 848 MHz 7.5 dB min.
 848 – 854 MHz 20 dB min.
 854 – 869 MHz 30 dB min.
 869 – 2000 MHz 90 dB min.
Isolation Tx to Rx: 90 dB min.

Transmit Channel

Passband: 869 – 891.5 MHz
Insertion Loss: 0.5 dB max.
Return Loss: 18.0 dB min.
Rejection:
 DC - 849 MHz 90 dB min.
 898 – 925 MHz 30 dB min.
 925 – 2000 MHz 70 dB min.
Isolation Rx to Tx: 90 dB min.
Power: 750 Watts CW
 12.5 kW PIP

Sample Port:
Coupling: -50 dB +/-3.0
IMD: -120 dBm max.@ RX
 port /two 20 Watt CW
 Carriers into TX port.

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

