



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	20 dB min.
869 – 2000 MHz	90 dB min.
Isolation Tx to Rx:	90 dB min.

P
C

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

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:	0 Watts CW .5 kW PIP

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

