

Lorch Microwave's PCS C Band Duplexer provides high transmit to receive selectivity while minimizing insertion loss. The unit is available with temperature compensation and weatherproofing as an option for use in more extreme environmental conditions.

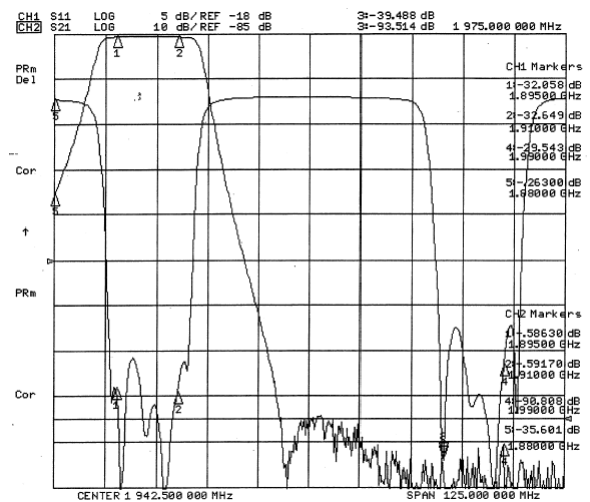


Standard Design Features

Passbands	
Receive	1895-1910 MHz
Transmit	1975-1990 MHz
Passband Insertion Loss	0.5 dB typ, 1.0 dB max
Passband Return Loss	18 dB min
Antenna to Transmit Rejection	
1850-1895 MHz	80 dB min
1895-1910 MHz	100 dB typ, 80 dB min
Antenna to Receive Rejection	
1930-1975 MHz	50 dB min
1975-1990 MHz	100 dB typ, 80 dB min
Rx – Tx Isolation	80 dB min
Power Handling	
CW	200 Watts
Peak	1000 Watts
Third Order Intermod	110 dBm min with two +43 dBm tones
Operating Temperature	-20 to +70 deg C
Connectors	Low IM N or 7/16 DIN Female
Size	7.40" x 7.90" x 2.00"

*Not including connectors

Receive Channel Data



Transmit Channel Data

