

Lorch Microwave's PCS Fullband 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.

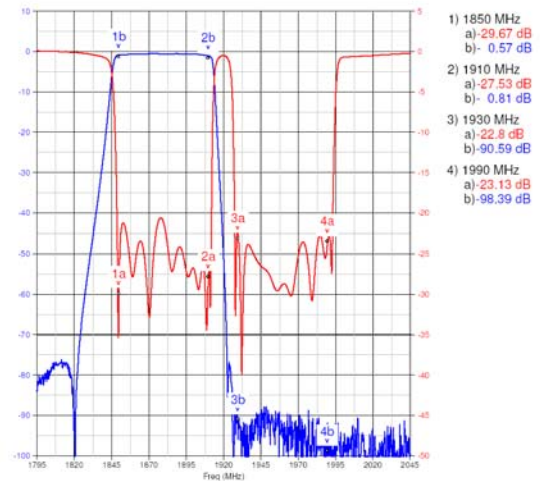


Standard Design Features

Passbands Receive Transmit	1850-1910 MHz 1930-1990 MHz
Passband Insertion Loss	Rx 1.1 dB max Tx 0.7 dB max
Passband Return Loss	18 dB min
Antenna to Transmit Rejection 1850-1910 MHz	85 dB min
Antenna to Receive Rejection 1930-1990 MHz	85 dB min
Rx – Tx Isolation	85 dB min
Power Handling CW Peak	200 Watts 1200 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	12.46" x 8.90" x 1.63"*

*Not including connectors

Receive Channel Data



Transmit Channel Data

