

Lorch Microwave's PCS Extended Fullband Duplexer provides additional bandwidth to accommodate the NEXTEL rebanding. The duplexer exhibits 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.

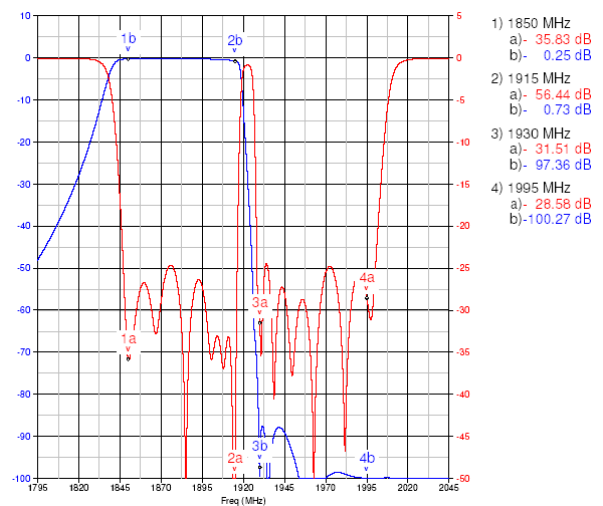


Standard Design Features

Passbands Receive Transmit	1850-1915 MHz 1930-1995 MHz
Passband Insertion Loss	1.0 dB Max
Passband Return Loss	18 dB min
Antenna to Transmit Rejection 1850-1915 MHz	80 dB min
Antenna to Receive Rejection 1930-1995 MHz	80 dB min
Rx – Tx Isolation	80 dB min
Power Handling CW Peak	200 Watts 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	8.35" x 9.35" x 2.00"*

*Not including connectors

Receive Channel Data



Transmit Channel Data

