

Lorch Microwave's UMTS 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.

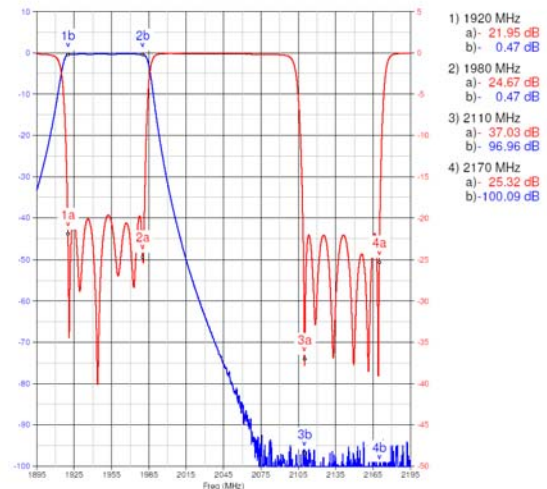


Standard Design Features

Passbands Receive Transmit	1920-1980 MHz 2110-2170 MHz
Passband Insertion Loss	1.0 dB max
Passband Return Loss	18 dB min
Antenna to Transmit Rejection 1920-1980 MHz	80 dB min
Antenna to Receive Rejection 2110-2170 MHz	80 dB min
Rx – Tx Isolation	80 dB min
Power Handling CW Peak	200 Watts 6000 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	5.70" x 6.30" x 2.40"*

*Not including connectors

Receive Channel Data



Transmit Channel Data

