Product catalog

Duplexers

RF duplexers connect transmit and receive paths in separate frequency bands to a shared antenna port. Both path loss and Tx-to-Rx isolation must satisfy the radio's simultaneous operating conditions.



Products: 6

Revision: 6 · Revision date: 2026-11-21

LCDUP-L-0-2750-H-3300-8500-IL2MAX

SMA-F Duplexer

COM is the shared RF port. LOW covers 0–2750 MHz and HIGH covers 3300–8500 MHz.

Common RF Port: Value: COM

Passband LOW: Value: 0–2750 MHz; Unit: MHz

Passband HIGH: Value: 3300–8500 MHz; Unit: MHz

Passband Insertion Loss LOW: Value: ≤2 dB; Unit: dB

Product details Product datasheet

LCDUP-L-1710-2690-H-3420-13370

SMA-K Duplexer

The L path covers 1710–2690 MHz and the H path covers 3420–13370 MHz. Both share the port marked com.

Common RF Port: Value: com

Passband L: Value: 1710–2690 MHz; Unit: MHz

Passband H: Value: 3420–13370 MHz; Unit: MHz

Passband Insertion Loss L: Value: ≤0.7 dB; Unit: dB

Product details Product datasheet

LCDUP-L-699-960-H-1398-6000

SMA-K Duplexer

The shared com port connects L at 699–960 MHz and H at 1398–6000 MHz.

Common port: Value: com

Passband L: Value: 699–960 MHz; Unit: MHz

Passband H: Value: 1398–6000 MHz; Unit: MHz

Passband Insertion Loss L: Value: ≤0.5 dB; Unit: dB

Product details Product datasheet

LCDUP-RX-12996-13036-TX-13159-13199-IL2p5MAX

Receive/Transmit Duplexer · 12996–13036 / 13159–13199 MHz

The common IN connector serves RX at 12996–13036 MHz and TX at 13159–13199 MHz.

Passband RX: Value: 12996–13036 MHz; Unit: MHz

Passband TX: Value: 13159–13199 MHz; Unit: MHz

Passband Insertion Loss RX: Value: ≤ 2.5 dB (12996–13036 MHz); Unit: dB

Passband Insertion Loss TX: Value: ≤ 2.5 dB (13159–13199 MHz); Unit: dB

Product details Product datasheet

LCDUP-RX-600-1000-TX-1600-3000-IL0p8MAX-S50X40

SMA-K Receive/Transmit Duplexer

RX covers 600–1000 MHz and TX covers 1600–3000 MHz in a 50 × 40 mm housing.

Common port: Value: Connector opposite RX and TX

Passband RX: Value: 600–1000 MHz; Unit: MHz

Passband TX: Value: 1600–3000 MHz; Unit: MHz

Passband Insertion Loss RX: Value: ≤0.8 dB; Unit: dB

Product details Product datasheet

LCDUP-RX-7000-7175-TX-7325-7500

Receive/Transmit Duplexer · 7000–7175 / 7325–7500 MHz

The receive path covers 7000–7175 MHz and the transmit path covers 7325–7500 MHz.

Passband RX: Value: 7000–7175 MHz; Unit: MHz

Passband TX: Value: 7325–7500 MHz; Unit: MHz

Passband Insertion Loss: Value: ≤ 1 dB; Unit: dB

Passband Ripple: Value: ≤ 0.6 dB; Unit: dB

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.