Product catalog

Diplexers

RF diplexers combine or separate two frequency bands through a common port. They route signals by frequency, with branch loss, inter-port isolation and the transition between bands defining the usable response.



Products: 4

Revision: 4 · Revision date: 2026-11-21

LCDIP-L-1100-1600-H-2000-18000

SMA-K Diplexer

Two SMA-K frequency paths share COM. L covers 1100–1600 MHz and H covers 2000–18000 MHz.

Common RF Port: Value: COM

Passband L: Value: 1100–1600 MHz; Unit: MHz

Passband H: Value: 2000–18000 MHz; Unit: MHz

Crossover Frequency: Value: 1800 MHz ±5%; Notes: +25 °C; Unit: MHz

Product details Product datasheet

LCDIP-L-DC-2000-H-3000-18000

SMA-K Diplexer

SMA-K Diplexer with a shared COM port and passbands of DC–2000 MHz at L and 3000–18000 MHz at H.

Common RF Port: Value: COM

Passband L: Value: DC–2000 MHz; Unit: MHz

Passband H: Value: 3000–18000 MHz; Unit: MHz

Insertion Loss: Value: <1.5 dB; Unit: dB

Product details Product datasheet

LCDIP-P2-130-180-P3-280-300

SMA-F Diplexer

The shared ANT port connects P2 at 130–180 MHz and P3 at 280–300 MHz.

Common port: Value: ANT

Passband P2: Value: 130–180 MHz; Unit: MHz

Passband P3: Value: 280–300 MHz; Unit: MHz

Passband Insertion Loss: Value: ≤1.0 dB; Unit: dB

Product details Product datasheet

LCDIP-P2-3000-5000-P3-10000-13000-IL1p5MAX

Two-Band Diplexer · 3000–5000 / 10000–13000 MHz

The shared COM connector serves P2 at 3000–5000 MHz and P3 at 10000–13000 MHz.

Passband P2: Value: 3000–5000 MHz; Unit: MHz

Passband P3: Value: 10000–13000 MHz; Unit: MHz

Passband Insertion Loss P2: Value: ≤ 1.5 dB; Notes: 3000–5000 MHz; Unit: dB

Passband Insertion Loss P3: Value: ≤ 1.5 dB; Notes: 10000–13000 MHz; 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.