Product catalog

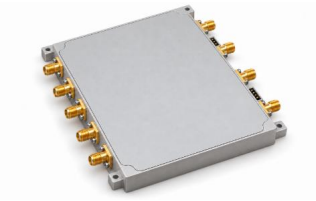
# Receiver Modules

Receiver front ends condition incoming RF before downstream conversion or processing. Compare sensitivity, large-signal handling and interface requirements for the complete receive path and its operating states.



Products: 3

Revision: 1 · Revision date: 2026-11-08



## LCRFE-1500-3000-4

### 1500–3000 MHz Four-Channel Receiver Front End

Four-channel RF conditioning with two selectable filter bands, 30±1.5 dB gain, ≤7 dB noise figure and a shared BITE input.

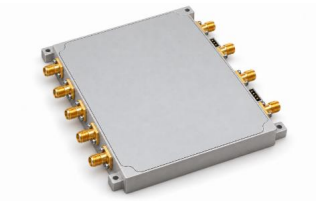
**RF input frequency:** Value: 1500–3000; Unit: MHz

**Channel count:** Value: 4

**Gain:** Value: 30±1.5; Unit: dB

**Noise figure:** Value: ≤7; Unit: dB; Notes: Maximum: 7 dB.

Product details  Product datasheet



## LCRFE-3000-6000-4

### 3–6 GHz Four-Channel Receiver Front End

Four RF receive channels with three switched filter bands, 30±1.5 dB gain, ≤8 dB noise figure and per-channel DSA control.

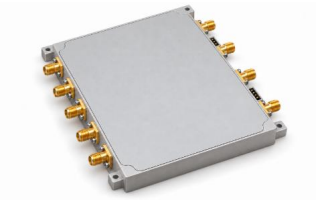
**RF input frequency:** Value: 3000–6000; Unit: MHz

**Channel count:** Value: 4

**Gain:** Value: 30±1.5; Unit: dB

**Noise figure:** Value: ≤8; Unit: dB; Notes: Maximum: 8 dB.

Product details  Product datasheet



## LCRFE-600-1500-4

### 600–1500 MHz Four-Channel Receiver Front End

Four RF receive paths with selectable sub-band filters, 30±1.5 dB gain, noise figure ≤7 dB and independent digital attenuation.

**RF input frequency:** Value: 600–1500; Unit: MHz

**Channel count:** Value: 4

**Gain:** Value: 30±1.5; Unit: dB

**Noise figure:** Value: ≤7; Unit: dB; Notes: Maximum: 7 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.