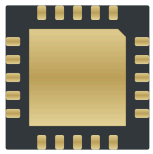
2000–18000 MHz Packaged Power Divider — 1 → 2; IL -1.6 dB (typical)

LCDIV-2000-18000-2WAY-C · 2000–18000 MHz · Packaged Power Divider.



The RF table specifies: Insertion loss -1.6 dB (typical); Isolation -20 dB (typical).
RF test conditions: TA = +25 °C.

QFN20 4 × 4 mm

The RF ports require external DC-blocking capacitors.

T_peak ≤ 260 °C

RFin: 3

RFout1: 9

RFout2: 17

GND: 2, 4, 8, 10, 16, 18

NC: 1, 5, 6, 7, 11, 12, 13, 14, 15, 19, 20

Package outline dimensions: 4 × 4 × 0.75 mm.

RF characteristics

TA = +25 °C

Parameter	Symbol	Minimum	Typical	Maximum	Unit
Operating frequency	f	2000	-	18000	MHz
Insertion loss	IL	-	-1.6	-	dB
Isolation	ISO	-	-20	-	dB
Input VSWR	-	-	1.3	-	-
Output VSWR	-	-	1.3	-	-

Absolute limits

Absolute limits; these are not normal operating targets.

Parameter	Symbol	Minimum	Typical	Maximum	Unit
Maximum input power	-	-	-	30	dBm
Storage temperature	-	-65	-	150	°C
Operating temperature	-	-55	-	85	°C

Package outline dimensions

Parameter	Value	Unit
Package outline dimensions	4 × 4 × 0.75	mm

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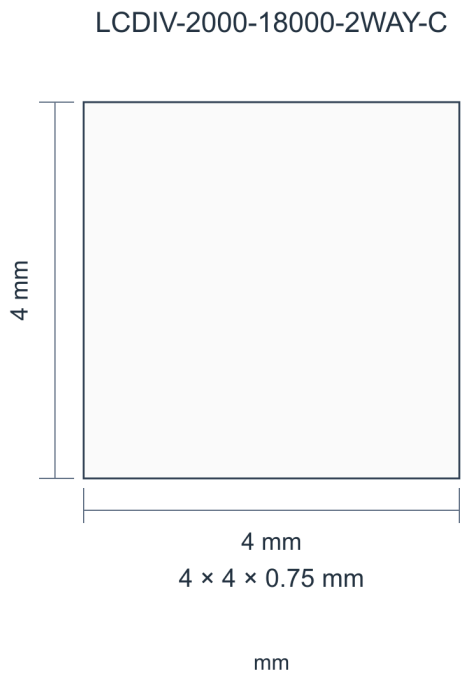
Integration notes

QFN20 4 × 4 mm The RF ports require external DC-blocking capacitors. T_peak ≤ 260 °C RFin: 3 RFout1: 9 RFout2: 17 GND: 2, 4, 8, 10, 16, 18 NC: 1, 5, 6, 7, 11, 12, 13, 14, 15, 19, 20

Mechanical Outline

Reference drawing showing selected dimensions in mm. Use the complete installation drawing for mounting.



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.