30–100 MHz Four-Way RF Power Combiner, 2000 W

Four paths combine at 30–100 MHz with 2000 W stated power handling and 0.6 dB typical insertion loss. Amplitude balance is ≤±0.2 dB.

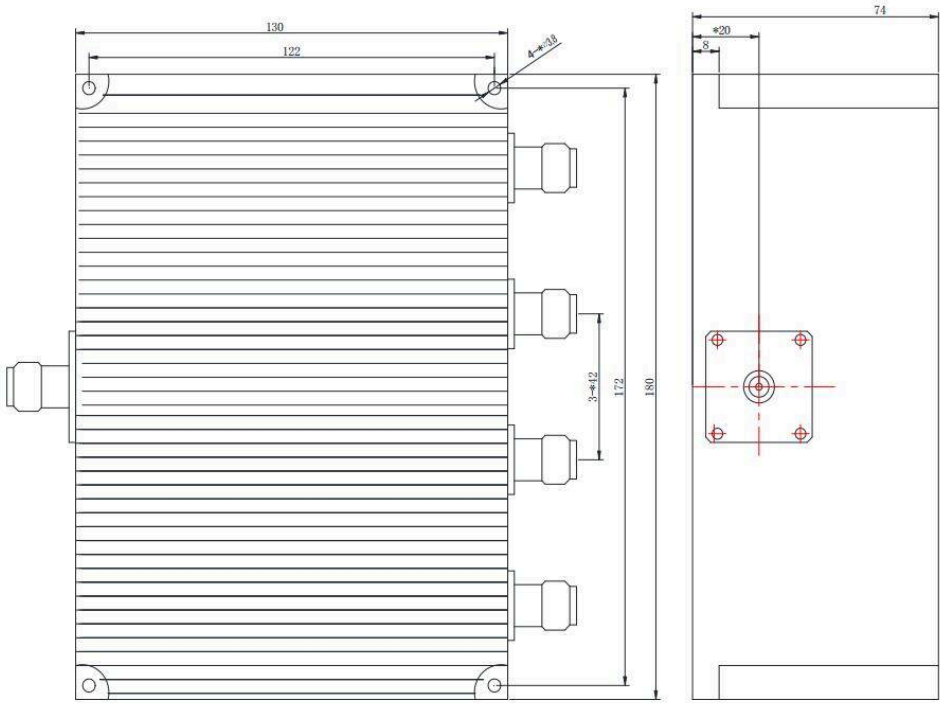
The source lists L29-K connectors, 8 dB isolation and VSWR≤1.3 at the output port. Operating temperature is −20–+50 °C with conductive plating.



Electrical specifications

Parameter	Value	Unit
Model number	LCPC-30-100-2000-4	-
Frequency range	30–100 (Minimum: 30 MHz. Maximum: 100 MHz.)	MHz
Number of ways	4	-
Insertion loss	0.6 (Typical: 0.6 dB.)	dB
Amplitude balance	≤±0.2 (Signed source balance notation retained.)	dB
Phase balance	≤±3 (Signed source balance notation retained.)	°
VSWR	≤1.3 (Output port Maximum: 1.3.)	-
Power handling	2000	W
Isolation	8	dB
Connector type	L29-K	-
Surface finish	Conductive plating	-
Operating temperature	−20–+50 (Minimum: -20 °C. Maximum: 50 °C.)	°C

Mechanical Outline



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.