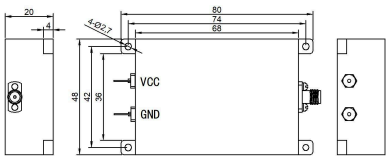


5725–5850 MHz PLL Linear Frequency Sweep Source

PLL-based triangular LFM source, approximately 1 μ s scan time, 2 dBm typical saturated RF power and SMA female output.



Electrical specifications

Parameter	Value	Unit	Notes
Output frequency	5725–5850	MHz	-
Saturated output power (P _{sat})	2	dBm	Typical: 2 dBm.
Output impedance	50	Ω	Typical: 50 Ω .
Supply voltage	28	VDC	Typical: 28 VDC.
Supply current	0.12	A	Typical: 0.12 A.

Modulation and sweep

Parameter	Value	Unit
Modulation type	Linear frequency modulation (LFM)	-
Waveform	Triangular	-
Scan time	≈ 1 (Approximate source timing; not an exact sweep-time guarantee.)	μ s
Source architecture	PLL	-

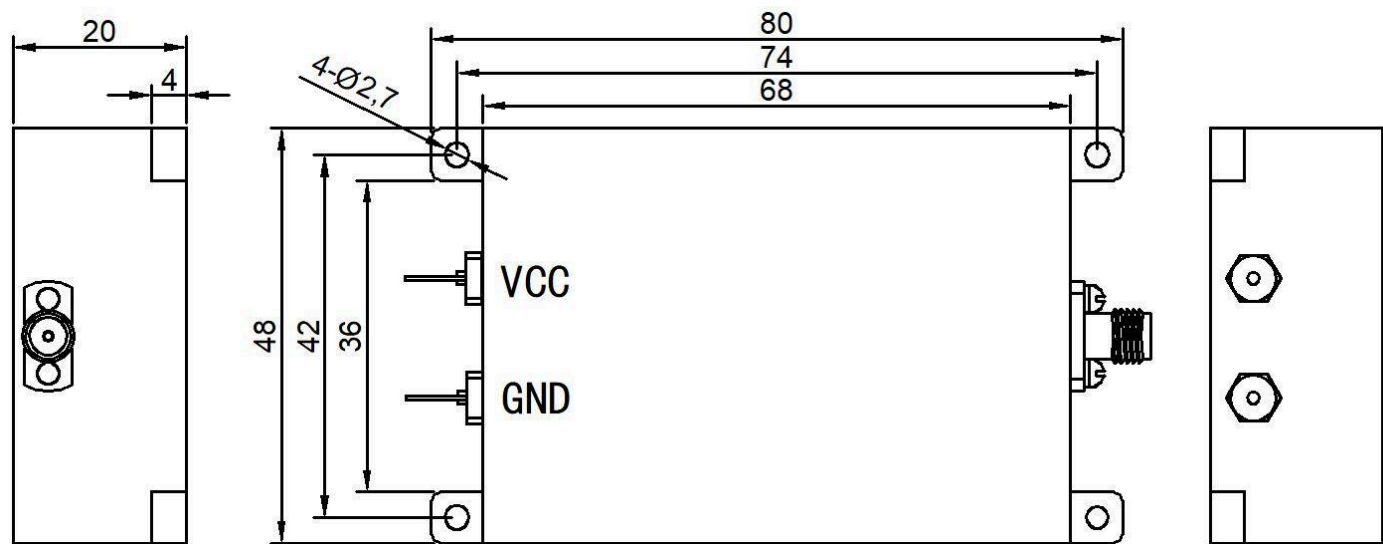
Interfaces and contacts

Parameter	Value	Unit
RF output connector	SMA female	-
Power interface	VCC / GND	-

Mechanical specifications

Parameter	Value	Unit
Outline dimensions	80 × 48 × 20	mm
Mounting-hole center spacing	74 × 42	mm
Mounting holes	4 × Ø2.7	mm

Mechanical Outline



All dimensions are in mm [in].

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.