

50 kHz–3 GHz, 7 dBi Log-Periodic Directional Antenna

Compact 50 Ω transmit/receive antenna with 7 dBi stated gain, VSWR <2 and 50 W maximum power.

Electrical specifications

Parameter	Value	Unit
Frequency range	0.05–3000	MHz
Antenna gain	7	dBi
VSWR	<2	-
Input impedance	50	Ω
Maximum input power	50	W
Radiation direction	Directional	-
Application	RF / microwave / UWB reception and transmission	-

Mechanical and environmental specifications

Parameter	Value	Unit
Antenna connector	SMA female, external thread with inner socket	-
Antenna dimensions	120 × 77	mm
Antenna type	Compact log-periodic antenna	-
Installation method	Adapt to the actual application setup	-

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.