600 MHz–6 GHz, 18 dBi Log-Periodic Directional Antenna

LCDLPA-600-6000-18 is a log-periodic directional antenna covering 600 MHz–6 GHz for RF transmission and reception. The source states 18 dBi gain, vertical polarization, 50 Ω impedance, VSWR ≤1.5 and a maximum power of 100 W. It addresses directional RF links and communication equipment within this frequency range.



The antenna uses a straight N female connector and an ABS radome described as weatherproof. No IP classification, environmental qualification or numeric dimensions are supplied. Confirm the mechanical envelope and mounting arrangement before selecting brackets or allocating installation space.

Electrical specifications

Parameter	Value	Unit
Frequency range	600–6000	MHz
Antenna gain	18	dBi
Radiation direction	Directional transmit / receive	-
Maximum input power	100	W
Input impedance	50	Ω
VSWR	≤1.5	-
Polarization	Vertical	-

Mechanical and environmental specifications

Parameter	Value
Antenna connector	Straight N female
Radome material	ABS weatherproof radome
Installation method	Refer to the actual mounting structure

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.