

5.15–5.85 GHz, 13±1 dBi Directional Yagi Antenna

50 Ω Yagi antenna for 5 GHz directional RF links, with vertical polarization, VSWR ≤2.0 and 50 W maximum input power.



Electrical specifications

Parameter	Value	Unit
Frequency range	5150–5850	MHz
Antenna gain	13±1	dBi
VSWR	≤2.0	-
Polarization	Vertical	-
Horizontal beamwidth	35±5	°
Vertical beamwidth	30±5	°
Input impedance	50	Ω
Maximum input power	50	W
Antenna connector	SMA-J with RG141 cable (5 cm)	-
Lightning protection	DC grounding	-

Mechanical and environmental specifications

Parameter	Value	Unit
Antenna dimensions	370 × 40 × 1.9	mm
Packing dimensions	480 × 350 × 110	mm
Antenna weight	0.1±0.01	kg
Operating humidity	10–95	%
Radome material	Metal	-
Operating temperature	–30–+65	°C
Installation method	Built-in installation	-

Current publication record · 1.0 · 2026-10-08. First publication of approved product data.

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.