

2.4–2.5 GHz, 13±1 dBi Directional Yagi Antenna

50 Ω Yagi antenna for 2.4 GHz RF links, with vertical polarization, VSWR ≤2.0 and 50 W maximum input power.



Electrical specifications

Parameter	Value	Unit
Frequency range	2400–2500	MHz
Antenna gain	13±1	dBi
VSWR	≤2.0	-
Polarization	Vertical	-
Horizontal beamwidth	40±10	°
Vertical beamwidth	35±8	°
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 × 63 × 2.5	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	-

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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.