

1.56–1.62 GHz, 11±1 dBi Directional Yagi Antenna

L-band 50 Ω Yagi antenna with vertical polarization, VSWR ≤2.0 and 50 W maximum input power.



Electrical specifications

Parameter	Value	Unit
Frequency range	1560–1620	MHz
Antenna gain	11±1	dBi
VSWR	≤2.0	-
Polarization	Vertical	-
Horizontal beamwidth	45±5	°
Vertical beamwidth	40±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	484.3 × 85.5 × 1.5	mm
Packing dimensions	500 × 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.