Omnidirectional Antenna

CRF-OA-5150M5850M-12dBi

Frequency Range
5150 / 5850 MHz

Rated Output Power
50 W

Connector
N-J

Package Size
Φ20 × 570 mm

Electrical Characteristics

Test conditions: 50Ω system, unless otherwise specified.

Parameter	Min	Typ	Max	Units
Frequency Range		5150 / 5850 MHz		
Gain		12		dBi
Half-Power Beamwidth		H-Plane: 360° E-Plane: 15°±8°		
VSWR			≤ 1.5	
Impedance		50		Ω
Polarization		Vertical		
Power, Max.			50	W
Connector		N-J		
Cable		No Cable		
Element Material		Cu Ag		
Radome Material		Fiberglass / Gray or White		
Connector Placement		Bottom		
Dimensions		Φ20 × 570		mm
Weight		≈ 1		kg
Operating Temperature	-40		+65	℃
Storage Temperature	-40		+80	℃
Mounting		Optional mount styles		
Application		Outdoor / fixed installation / communication system integration		
Notes		Representative data from uploaded test report		

Product Sample and Placement



Model CRF-OA-5150M5850M-12dBi	**Package Size** Φ20 × 570 mm	**Weight** ≈ 1 kg
Connector Reference Connector: NJ Placement: Bottom Polarization: Vertical	**Materials** Element: Cu Ag Radome: Fiberglass / Gray or White Cable: No Cable	**Release Note** Product sample image is kept visible for easier installation reference and project review.

Compliance / Quality Framework

RoHS Compliant	CE / FCC	ISO 9001	GJB 9001C

Test data and pattern files can be supplied for project review where applicable.