Directional Horn Antenna **CRF-DA-2000M6000M-13.16-19.07dBi**	Frequency Range 2000 – 6000 MHz Rated Output Power 50 – 100 W	Connector N-J Package Size 450 × 230 × 415 mm

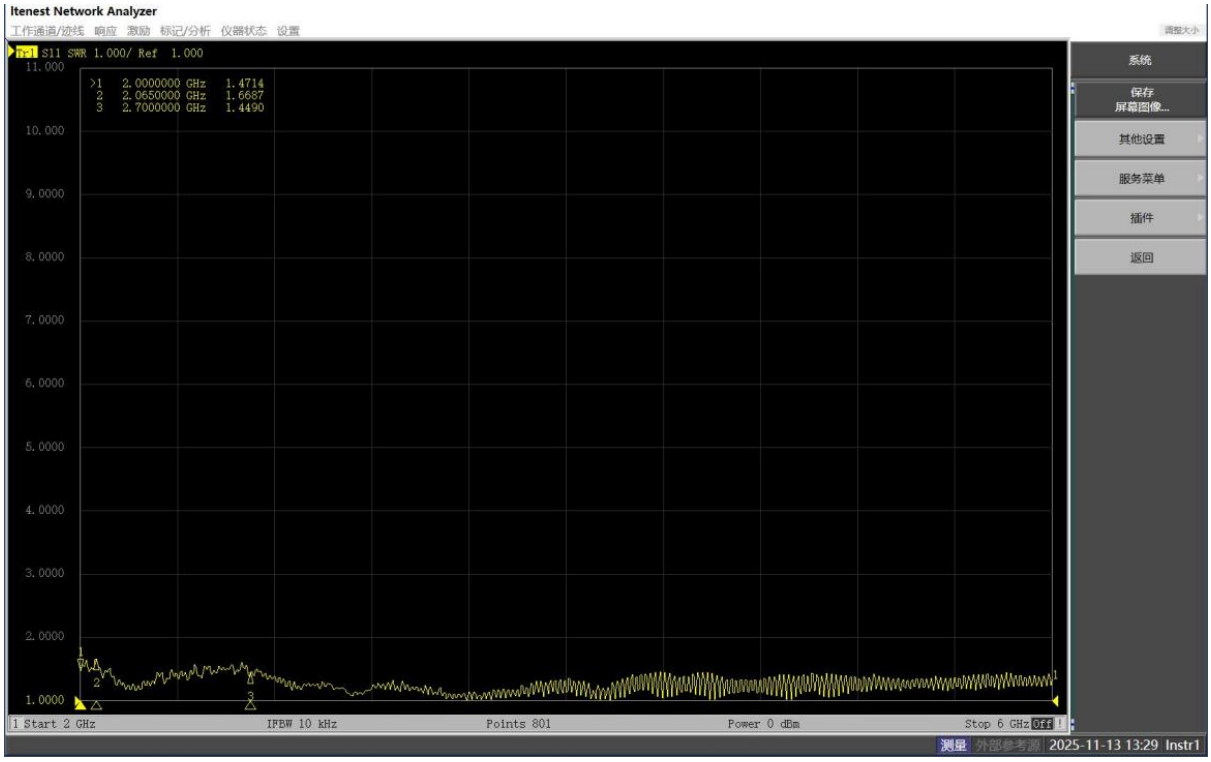
Electrical Characteristics

Test conditions: 50Ω system, unless otherwise specified.

Parameter	Min	Typ	Max	Units
Frequency Range		2000 – 6000 MHz		
Gain	13.16		19.07	dBi
Half-Power Beamwidth		H-Plane:75.44° E-Plane:60.18°		
VSWR			< 2.0	
Impedance		50		Ω
Polarization		Vertical		
Power, Max.			100	W
Connector		N-J		
Cable		No Cable		
Element Material		Copper		
Radome Material		Fiberglass		
Connector Placement		Bottom		
Dimensions		450 × 230 × 415 mm		
Weight		≈ 2		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		

Typical Performance Curve

Representative VSWR measurement and uploaded test data retained for the corresponding model.



Curve note: Original uploaded VSWR screenshot retained. Pattern plots and gain / efficiency data are available for project review.

Applications Outdoor RF coverage / communication / fixed installation	Customization Custom connector, mounting structure, radome details and integration options are available. CorelixRF engineering team can provide feasibility reviews within 48 hours.

Compliance / Quality Framework

RoHS Compliant	CE / FCC	ISO 9001	GJB 9001C

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

Product Sample and Placement

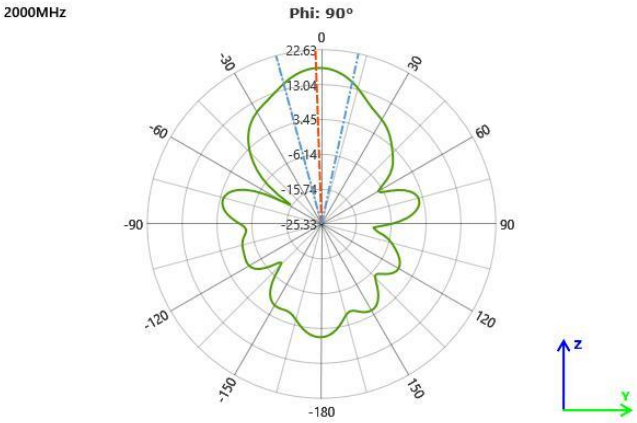




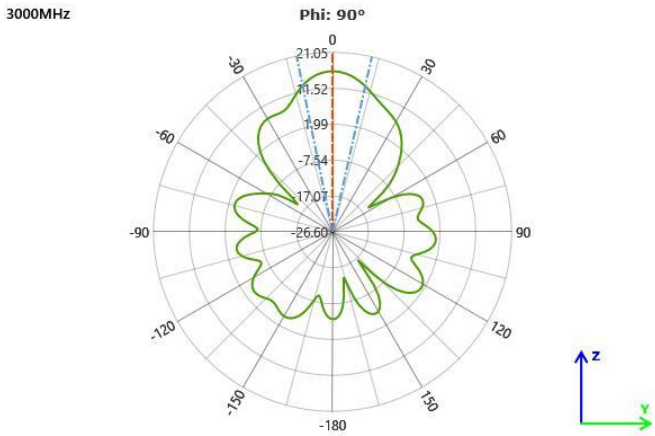
Model CRF-DA-2000M6000M-13.16-19.07dBi	**Package Size** 450 × 230 × 415 mm	**Weight** ≈ 2 kg
Connector Reference Connector: N-J Placement: Bottom Polarization: Vertical	**Materials** Element: Copper Radome: Fiberglass Cable: No Cable	**Release Note** Product sample image is kept visible for easier installation reference and project review.

Measured Patterns （2000-6000MHz）

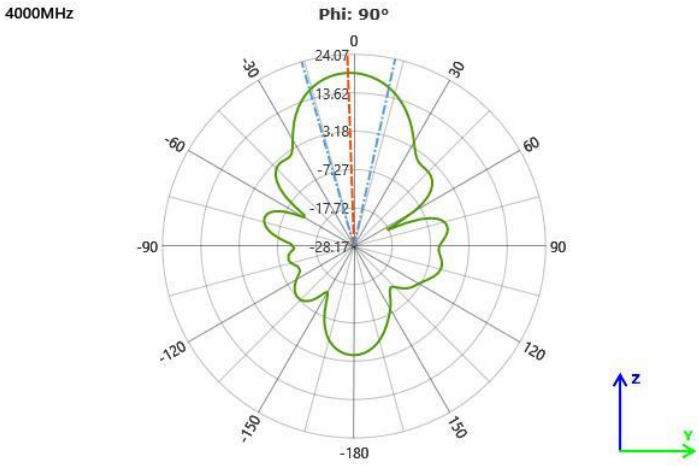
Vertical Pattern (2000 MHz / 3000 MHz/ 4000 MHz/ 5000 MHz/ 6000 MHz)



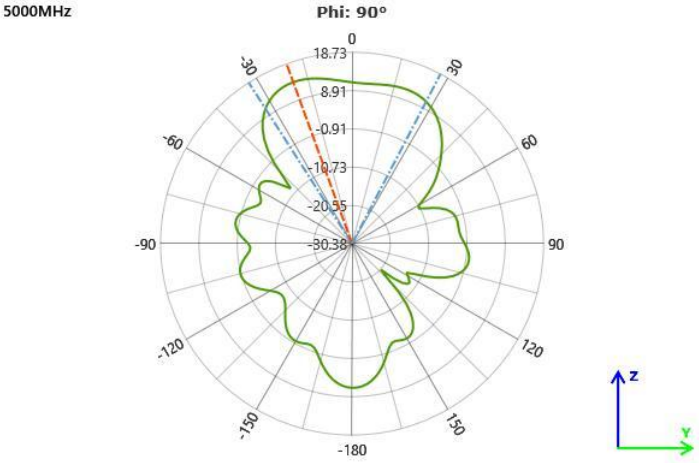
Vertical Pattern at F=2000MHz



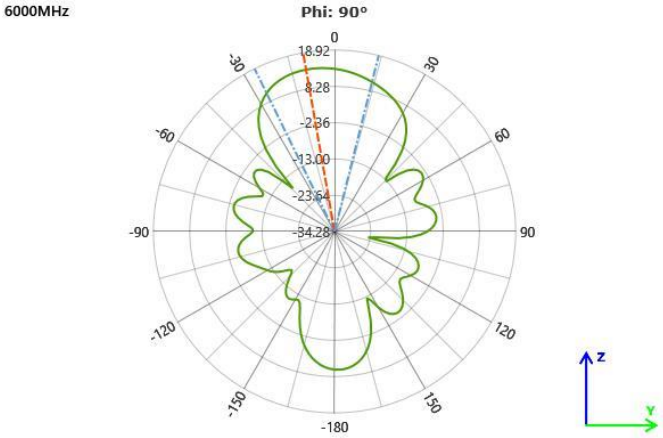
Vertical Pattern at F=3000MHz



Vertical Pattern at F=4000MHz



Vertical Pattern at F=5000MHz



Vertical Pattern at F=6000MHz