

BRA-20

4dBic Circularly Polarized Hand-Held UHF RFID Antenna

FEATURES



- Designed for Hand-Held terminal with RHCP
- Low Weight, Compact Size
- Low interaction with platform
- Negligible detuning close to users
- Easy application and Save development time
- Wide range of connector and cable options



PRODUCTS

Part No.	Weight	Dimensions (LxWx H)	Connector	Color
BRA-20	40g	60 × 60 × 16 mm	SMA-Male	Green

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	860~868	902~928
VSWR (Max)	1.3: 1	1.3: 1
Peak Gain, dBic(Typ)	Up to 4.0	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	120° x 120°	
Polarization	Circular	
Front to Back Ratio	20 dB	
Axial Ratio	3 dB Typical	
Lightning Protection	DC Grounded	
Storage Temperature Range (°C)	-40°C~+ 85°C	
Operational Temperature Range (°C)	-40°C~+ 85°C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8517707090	
USHSCODE	8517620010	
UPC		

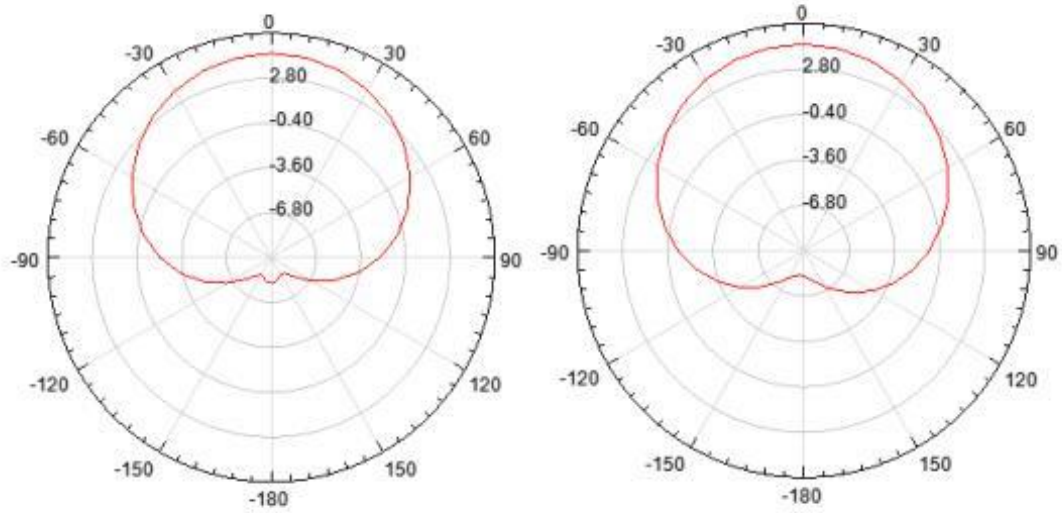
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RADIATION PATTERNS

2D Radiation Pattern at 868MHz



HOUSING CONFIGURATIONS

