



# SPECIFICATION

- Model No. : **SOF-C868-12**
- Product Name : 868MHz 12 dBi Fiberglass Antenna
- Applications : •Low Power Radio (Sigfox, LPWA, LoRa)
- mesh networks
  - IoT, metering, industrial/environmental monitoring  
remote asset monitoring





Type	Fiberglass Antenna
Model No.	SOF-C868-12
Electrical Specifications	
Frequency	806-960MHz
Bandwidth	154MHz
Gain	12dBi
Horizontal Beamwidth	360°
Vertical Beamwidth	7°
VSWR	≤1.5
Radiation Properties	Omni-Directional
Power Handling	100W
Polarization	Vertical
Impedance	50 Ohms
Lightning protection	DC Ground
Mechanical Specifications	
Length (mm)	150cm
Weight	1.20kg
Connector	N Female or Customized
Mount Style	Pole Mount
Color	Gray
Environmental Specifications	
Wind Resistance	100km/h
Temperature Range	-40°C to 60°C