



# SPECIFICATION

- Model No. : **SDY-0809-5E9**
- Product Name : 868MHz 5 Elements 9dBi Yagi Antenna
- Applications : •Low Power Radio (Sigfox, LPWA, LoRa)
- Mesh networks
  - IoT, metering, industrial/environmental monitoring  
remote asset monitoring





Type	Yagi Antenna
Model No.	SDY-0809-5E9
Electrical Specifications	
Frequency	806-960MHz
Bandwidth	154MHz
Gain	9dBi
Horizontal Beamwidth	54°
Vertical Beamwidth	48°
VSWR	≤1.5
F/B Ratio	≥15
Power Handling	100W
Polarization	Vertical or Horizontal
Impedance	50 ohm
Lightning protection	DC Ground
Mechanical Specifications	
Length (mm)	50cm
Weight	0.40kg
Connector	N Female or Customized
Mount Style	Pole Mount
Color	Gray
Environmental Specifications	
Wind Resistance	100km/h
Temperature Range	-40°C to 60°C