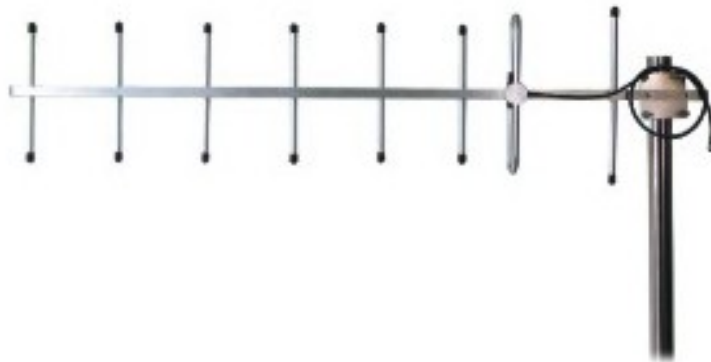




SPECIFICATION

- Model No. : **SDY-0809-8E12**
- Product Name : 868MHz 8 Elements 12dBi 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-0809-8E12
Electrical Specifications	
Frequency	806-960MHz
Bandwidth	154MHz
Gain	12dBi
Horizontal Beamwidth	44°
Vertical Beamwidth	40°
VSWR	≤1.5
F/B Ratio	≥16
Power Handling	100W
Polarization	Vertical or Horizontal
Impedance	50 ohm
Lightning protection	DC Ground
Mechanical Specifications	
Length (mm)	80cm
Weight	0.60kg
Connector	N Female or Customized
Mount Style	Pole Mount
Color	Gray
Environmental Specifications	
Wind Resistance	100km/h
Temperature Range	-40°C to 60°C