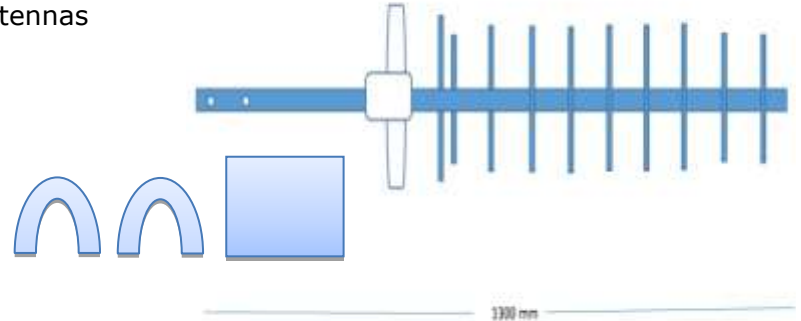


## DIRECTIONAL YAGI ANTENNA - 18 dBi Long Boom Part No.-SRFS-800/2500- LB1300RG58010YU018

The following are the advantages of Yagi-Uda antennas

- High directivity is achieved.
- Ease of handling and maintenance.
- Less amount of power is wasted.
- Broader coverage of frequencies



### Electrical Specification

Frequency Range	824-960/1710-2500 MHz (Dual Band)
Gain	18 dBi
VSWR	≤1.5
Return Loss	-15dB
Impedance	50Ω
Lightening Protection	Direct Ground
Maximum Input Power	250 W
Polarization	Vertical or Horizontal
Radiation direction	Directional
HPBW	H:80°; V: 60°
Front To Back Ratio	16 dB

### Mechanical Specification

Cable	RG58 10 Mtr or Customized
Connector	SMA (M) or Customized
Antenna Dimension(mm)	1300*210*35
Boom Pipe, Reflectors,	Aluminum
Support Boom Diameter	20 mm (Al-Square pipe)
Elements Diameter	7 mm (Al-Round Pipe)
Wind Pressure	100km/h
Radiating Material	Copper
Operating Temperature	-40°C ~85°C
Humidity	5~95%
Environmental Friendly	ROHS Compliant
IP Rating	IP65