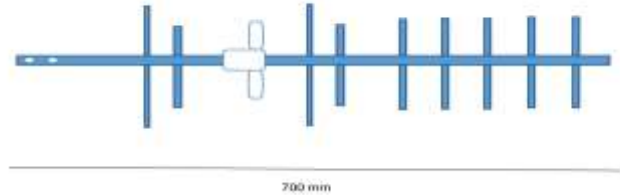


DIRECTIONAL YAGI ANTENNA - 12dBi (Part No.-(SRFS-800/2500-RG58010YU012))

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 | 12 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) | 700*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 |