**DESCRIPTION**

The SLA-18 is a 45° slant linear antenna designed for signal intelligence (SIGINT) applications, which operates within frequencies from 1.5 to 8.5 GHz.

This rugged antenna can be mounted on a vehicle or mast, depending on requirement.

The unique design is perfect for maintaining UAV downlinks in rough environments.

**SPECIFICATIONS**

**ELECTRICAL**

- **Frequency Band**: 1.5 GHz to 8.5 GHz
- **VSWR**: < 3.0 : 1
- **Polarization**: Slant, Linear at 45°
- **Gain**: > 0 dBi
- **Power**: 200 Watts CW
- **Ground Plane**: Ground Plane Independent
- **Connector**: Type N Female
  - SMA Female (Upon Request)

**MECHANICAL**

- **Weight**: 25 lbs (11.25 kg)
- **Dimensions**: 12” H x 22” Dia.
  - (30.48 cm H x 55.88 cm Dia.)
- **Mounting**: Mounting Materials Optional
- **Finish (Default)**: Iridite, White

**ENVIRONMENTAL**

- **Shock**: MILSTD 810F, 20G
- **Vibration**: RTCA/DO-160
- **Operational Temp.**: -31°F to +185°F (-35°C to +85°C)

**MODEL NUMBERS**

- **Black Color**
  - SLA-18-B
- **Tan 686A Color**
  - SLA-18 -T
- **Green 383 Color**
  - SLA-18 -G
- **Aircraft Gray Color**
  - SLA-18-AG