

# SLA-18

## Slant Linear Antenna

### 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.



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### 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)

#### ENVIRONMENTAL

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

#### 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

#### 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