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S-Band Patch Antenna

The low, aerodynamic profile of the Patch Antenna makes it ideal for mobile uplinks, concealments, roving cameras, and vehicle mounted POV systems.

The compact antenna that can be mounted to nearly any flat surface. The Patch Antenna radiates a 60 by 20 degree beam-width pattern. The integrated #1/4-20 swivel mount allows for easy installation/adjustment.

This antenna covers 2.2 to 2.4 GHz in the S-Band, with a linear polarity and 6 dB of gain. Other frequencies are available as special order.

Applications

- Mobile Uplink
- Roving Camera
- Small concealments
- Vehicle mounted POV systems

Standard Features

- Water tight design
- Integrated #1/4-20 swivel mount
- Small size and weight
- East to integrate into new or existing systems



Specifications

Frequency	S-Band
VSWR (Nominal)	2:1 (at band edge)
Gain	6dBi
Polarization	Linear
Beam-width	60°Az by 20°EI

PHYSICAL DIMENSIONS & POWER

Size	5.25"L x 3.75"W x 1.5"H
Weight	6.6 oz
Power	2 watt

ENVIRONMENTAL

Temperature Range	-40°C to +75°C
Humidity	100%

OTHER

Connector	SMA(f)
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