

UVW-34

Flexible “Peel-And-Stick” Dipole Antenna

DESCRIPTION

The UVW-34 is a flexible, single-use, “peel-and-stick” type antenna which operates over frequencies between 300 to 400 MHz.

This unique antenna is designed for unmanned aerial vehicle (UAV) and other dirigible applications where a low-cost disposable antenna may be needed for special operating requirements.

Each antenna is printed on a polyimide substrate with an adhesive backing for composite substructure.

The antenna’s mating RF Cable can be customized with a TNC, SMA or Type N connector.



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SPECIFICATIONS

ELECTRICAL

Frequency Band	300 MHz to 400 MHz
VSWR	< 3.0 : 1
Polarization	Vertical, Linear
Boresight Gain	+1 dBi
Power	25+ Watts CW
Ground Plane	Ground Plane Independent
Connector	Mating Cable* (Separate)

ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-31°F to +185°F (-35°C to +85°C)
Humidity Range	0% to 100%, Non-Condensing
Max. Altitude	30,000 ft (9.144 km)

MECHANICAL

Weight	1.4 oz (29.5 g)
Dimensions	12.25” L x 5.09” W x .002” Thick (31.12 cm L x 12.93 cm W x 0.005 cm H)
Mounting	Adhesive-Backed Polyimide (Single-Use)
Material	Polyimide Substrate



* = Customizable Upon Request