# 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.



Flexible "Peel-And-Stick" Dipole Antenna

## **SPECIFICATIONS**

**ENVIRONMENTAL** 

Operational Temp.

**Humidity Range** 

Max. Altitude

Shock

Vibration

#### 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)

MILSTD 810F, 20G

30,000 ft (9.144 km)

-31°F to +185°F (-35°C to +85°C)

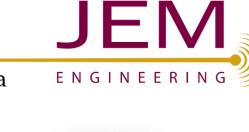
0% to 100%, Non-Condensing

RTCA/DO-160

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



\* = Customizable Upon Request



## MECHANICAL