



### Application

The VHF30512MP-HV27 is an ultra broadband VHF/UHF folding whip incorporating 24KV high voltage protection to the operator in the event of accidental contact with overhead power lines.

The antenna utilizes eight copper coated epoxy fibreglass elements that gives excellent mechanical and electrical properties.

A broad-band matching network is used to ensure maximum available gain across the complete frequency band.

The matching unit also includes 24KV high voltage protection in the event of accidental contact with overhead power lines.



### Electrical Specification

Frequency range	30-512 MHz
Impedance	50 Ohm
VSWR	< 3.5 (dependent on installation)
Power rating	15 W
High Voltage Protection	24KV
Connector	Sincgars N Type Female also available

### Mechanical Specification

Design	Wideband monopole foldable whip with spring and matching network. Elements made from copper coated fibreglass epoxy.
Length	2.4m (approx)
Weight	0.65kg
Finish	Polyurethane lacquer olive drab, other colors on request.
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F