



## **BROADBAND PROPAGATION**

### *Antenna Design & Supply*

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### **BP-VHF-2-STW BACKPACK TAPE WHIP ANTENNAS**

Broadband Propagation manufactures a range of light-weight, flexible, tape whip antennas for use with VHF man-pack transceivers. Standard length is one metre.

Designed for use in tactical combat, in all types of operating conditions from arctic through to extreme desert environments they are constructed of highly durable, long-life, spring steel elements which will not break or lose their "set". A flexible nylon braid covers the whip, increasing durability and providing high voltage contact protection.

Antenna mounting connectors including thread, BNC, N, or C type can be provided or customer specified mountings can be supplied.

The antenna is supplied with a goose neck base allowing for instant angle adjustment.

#### **Specifications**

|                     |                    |
|---------------------|--------------------|
| Frequency Range:    | 30-100 MHz         |
| Impedance:          | Nominal            |
| Radiation Pattern:  | Omni-Directional   |
| Polarisation:       | Vertical           |
| Power Rating:       | 10 watts CW        |
| Input Connection:   | Customer specified |
| Antenna Length:     | 1.0 metres         |
| Antenna Width:      | 13 mm              |
| Antenna Weight:     | 130 grams          |
| Temperature Rating: | -40 to +70 deg C   |



Fully Flexible



Customer Specified Mounting

- . **Integral Goose Neck**
- . **Fully corrosion resistant**
- . **Sand abrasion resistant**
- . **Fungal attack protected**
- . **UV stable.**