

WIDEBAND TAPE WHIP VHF ANTENNA

SATCOM

SKU# ANT-VHF-TW

AB1217

OVERVIEW

The wideband ANT-VHF-TW antenna is expertly designed for use with manpack and handheld radios, operating within a frequency range of 30 to 175MHz.

This VHF-L whip antenna is engineered for reliable performance across a variety of operational conditions, whether the radio is carried on the back, worn on the chest, or positioned on the ground. With no need for additional tuning, it ensures seamless and hassle-free operation.

The antenna features a radiating element crafted from durable multilayer steel tape material, offering exceptional flexibility and toughness.

It also includes a specialized passive transformer tuning network, securely housed in a robust fiberglass casing located above the input coaxial connector.

SPECIFICATIONS

Frequency	30-175 MHz
Impedance	50 ohm
VSWR	<3.5
Gain	-17 to+1 dBi (see gain diagram)
Polarization	Vertical
Max. power	15 W CW
Connector type	modified BNC/TNC male
Radiator type	tape, sleeve covered
Goose-neck height	164 mm
Antenna height	1180 mm
Antenna weight	300g
Colour	Black, non-glossy
Temperature Range	-20 to +70 °C



SECURE AND TACTICAL COMMUNICATIONS
www.sat.com.na

2 Jakaranda Street
Suiderhof, Windhoek,
Namibia

Tel: +264-61-374700
Email: sales@sat.com.na

