



BROADBAND PROPAGATION

Antenna Design & Supply

1-3 Adelaide Rd. Echunga
PO Box 529 Echunga
South Australia. 5153

Phone: (08) 8388 8132
Fax: (08) 8388 8536
Intl.Phone: (618) 8388 8132
Intl.Fax: (618) 8388 8536

ABN: 84 232 273 647

E-mail: sales@broadbandpropagation.com
Web: www.broadbandpropagation.com

BPA-TWD HF BROADBAND DIPOLE

This broadband dipole is a resistively terminated broadband antenna which when mounted as an inverted V has minimum lobe break up at the higher end of the HF spectrum. It has been specially developed as an HF reference antenna rather than a communications antenna.

Constructed to the highest quality standards with powder-coated aluminium, balun and load cases, UV stabilized fiberglass spreaders, cable strain relief and connector weather shrouding.

Specifications

Frequency range: 1-30 MHz
Input Impedance: 50 Ohms nominal
Power Input: 200 Watts CW
Input Connector: N Female
VSWR: Better or equal to 2.5:1 full band
Better or equal to 2:1 most of the band*
Max.Wind Speed: 250 kilometres/ hour*

Dimensions for Inverted Vee mounting

Central Mast height: 15 metres
Outer Mast Height 2-2.5 metres
Outer Mast spacing: 50 metres
Shipping weight: 10 Kilograms
Shipping size: > 132.5 x 31.5 x 24 cm

*Measured at antenna feedpoint

*In accordance with AS1170.2 SAA LOADING CODE;
WIND LOADS 1989

