



BROADBAND PROPAGATION Pty Ltd

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

ACN: 143178438

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

FD-150-22m HF Broadband Folded Dipole Antenna

The folded dipole is a resistively terminated broadband antenna which is low cost, compact, light and easily installed. The antenna is a proven performer, probably the most popular of all broadband antennas, and in widespread use. Overall Length of the antenna is 27 metres.

It is a versatile, forgiving antenna, and can be installed as a flat top, sloper, or inverted "V".

It exhibits superior Near Vertical Incidence Skywave (NVIS) performance when erected as an Inverted "V" for close to medium distance operation.

Broadband Propagation folded dipoles are, as with our other antennas, constructed to the highest quality standards with aluminium balun and load cases, UV stabilised fiberglass spreaders, cable strain relief and connector weather shrouding.

No antenna tuner is required

Specifications

Frequency range: 2-30 MHz
Input Impedance: 50 Ohms nominal
Power Input: 150W PEP
Input Connector: UHF Socket
Antenna Length: 27 metres
VSWR: Generally better than 2:1
Max.Wind Speed: 250 kilometres/ hour*

Dimensions for Inverted "V" mounting

Central Mast height: 6.5m (Minimum)
Outer Mast Height 2.4m (Minimum)
Outer Mast spacing: 24m
Shipping weight: 6kg
Shipping size: 800 x 650 x 200mm

Options

#1 Supplied with nominated length RG58 or RG213 (low loss) coaxial cable fitted with connectors at both ends.

#2 Supplied with Central Mast halyard and pulley

Please specify (by description) when ordering

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

