



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

CFB-150 CENTRE-FED, BROADBAND HF WIRE ANTENNA, PORTABLE

The CFB-150 is a centre-fed, broadband, single wire dipole. Construction is of marine grade stainless steel wire. This antenna offers good performance in a simple easy to deploy portable package. It can also be used in semi permanent applications.

Operation covers the full range of 2-30 MHz with instantaneous response to any frequency within this range, suitable for high speed, frequency-hopping radios. The antenna can be operated horizontally or as an inverted V.

NO ANTENNA TUNER OR ANTENNA ADJUSTMENT IS REQUIRED

It is recommended that for portable use the antenna be used with our BPV-TM range of lightweight portable tactical masts. This antenna/ mast combination offers the best available performance and ease and speed of deployment.



Specifications

Frequency Range:	2-30 MHz
Input impedance:	50 Ohms
Polarisation:	Linear, Horizontal
VSWR:	Better than 2:1 from 2-30 MHz
Power Rating:	150 watts PEP
Input Connection:	N type female Mil. Spec
Antenna Length:	32 metres
Antenna Height:	Minimum 5 metres
Antenna Weight:	1.3 kg
Wind Rating:	220 Kilometres/ hr*
Operating Temperature:	-30 to 55 Degrees C ambient
Operating Humidity:	0-100% relative humidity

*AS1170.2 SAA Loading code; Wind Loads

Options

Coaxial Cable: 30 metres of Mil. Spec. RG-58 cable fitted with suitable connectors