



RADIOWORLD

Check www.RadioWorld.co.uk For Latest Prices

263 Walsall Road, Great Wyrley, Walsall, WS6 6DL

Established 1997. Open Monday - Friday 9am - 5pm and Saturday 9.30am - 4pm

Tel: **01922 414 796** Fax: **01922 417829** Skype: **radioworld_uk**



HDX-200 Tuned Active Antenna System with Rx Pre-Amp

£2495.00

DESCRIPTION

The Bushcomm Horizontal Masthead Dipole is designed for conditions where space is at a premium but a high performance base station antenna is still required. The Antenna features two four metre aluminium dipole elements configured to operate in a frequency range of 3-30 MHz with the aid of a Bushcomm designed pre-amp with tuner. The tuner allows fast and easy operation at a desired frequency and works with just about any radio. The preamp provides broadband impedance matching during scan mode (receive) operation, for reliable link establishment using modern radio protocols. Assembly fixtures are supplied to help attach it to an existing tower or a Bushcomm supplied ground or roof mounted tower. The elements are supplied in four two metre lengths to assist shipping. Assembly instructions are supplied. Radiation patterns provided are tested at 10m but will vary slightly depending on the mounted height of the antenna. Heights from 6 to 12m will give similar results.

ELECTRICAL

Frequency range 3-30 MHz

VSWR 1.5:1

Polarisation Horizontal

Impedance 50 Ohm (nominal)

Preamp gain 1db

Power input range 3 to 200 watts pep

VSWR: (typical) Typically less than 1.4:1

DC Operating range +10 to 15 VDC

Input current average 0.9 Amp

Tuning time Typical: less than 2 seconds

Switching time Typical: less than 10 milliseconds

Non-volatile memory address 170

MECHANICAL

Width 8m

Operating temp -35 to 70 C

Wind rating 150km/hr

Weight (complete antenna) 10kg

Weight (optional 6m mast) 27kg