

BROADBAND PROPAGATION Pty Ltd

Antenna Design & Supply

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BPA-SD-500 BROADBAND HF SEMI DELTA OMNI DIRECTIONAL BASE ANTENNA

The BPA-SD-500 is a 500 Watt rated Semi-Delta antenna with a high vertical gain radiation pattern, suitable for NVIS (short range) communication. With a small mounting footprint of 20m, it is ideal for installation where space is limited.

No antenna tuner is required.

Construction is of 3.2mm stainless steel cable with an aluminium spreader and die cast aluminium component cases. All external fittings and connections are of stainless steel.

Specifications

Frequency range: 2-30 MHz
Feed Impedance: 50 Ohms
VSWR*: Better than 2.0:1 Typical, Max. 2.5:1
Power Input: 500 Watts

Radiation Patterns:

Horizontal: Essentially omnidirectional
Vertical: High vertical gain

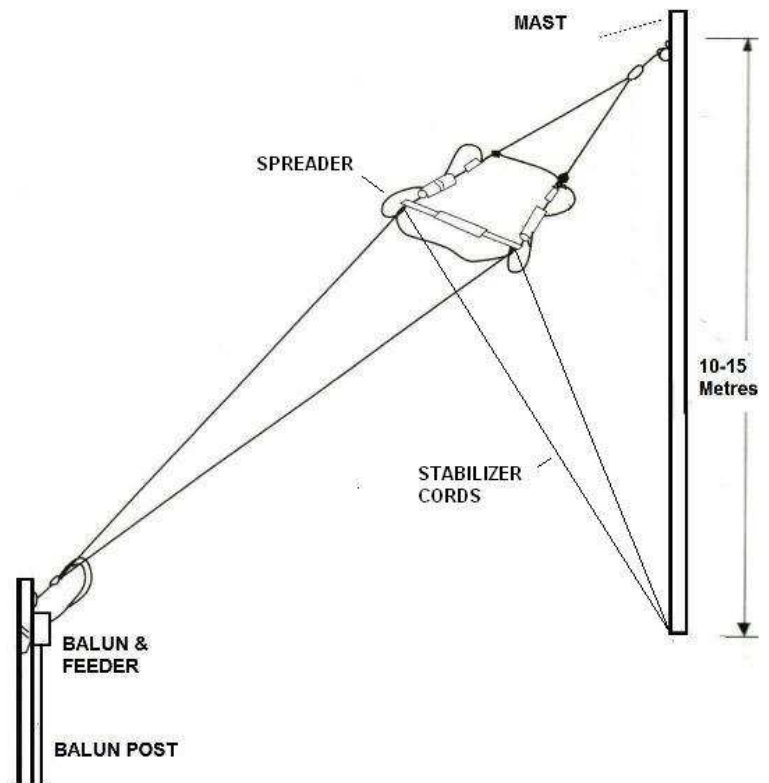
Input Connector: UHF type socket
Mast height: 10 metres min.
Wind rating**: 210 k/h
Temperature: -30 to 55 deg. C.
Shipping weight: 17 kilograms
Shipping size: 200 x 30 x 19 cm

Options.

1. Supplied with 30 meters of RG 58 or RG 213 coaxial cable fitted with UHF/ N type connectors.

2. Central Pulley/halyard kit

Please specify option required (by description) when ordering



*Measured at transceiver with 30m of RG 58 feeder

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