

BROADBAND PROPAGATION

Antenna Design & Supply

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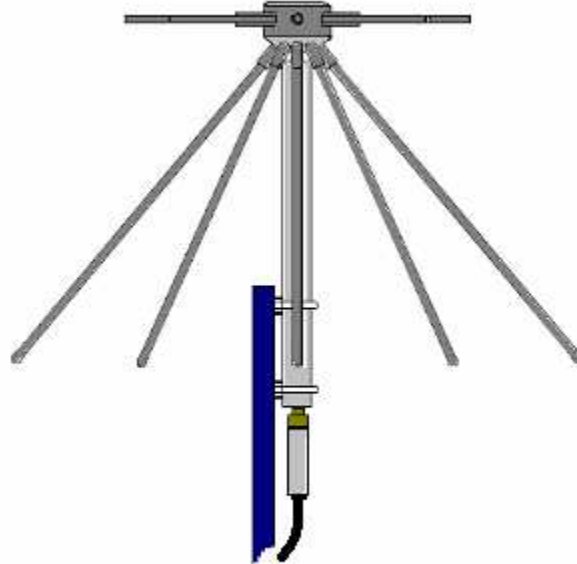
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VHF/ UHF SHIPBOARD DISCONE ANTENNA

Model: BPV-SPB-100-400



Designed for shipboard mounting, the BPV-SPB 100-400 is a compact vertically polarised broadband antenna which operates in the frequency range of 100-400 MHz with power handling of 300 watts CW. Antenna radiating elements are of marine grade stainless steel with a grey polyurethane lacquer finish. All other exposed surfaces are fully protected against aggressive, marine/ salt spray environments.

The antenna is pole mounted and can be provided with a range of mounting hardware to suit customer requirements.

- * **Full connector protection is provided via gland-entry weather shroud**
- * **Lightning and static discharge protection is provided**

Specifications

Frequency:	100-400 MHz
Gain:	2 dBi typical
VSWR:	Maximum 2:1 across band
Horizontal Pattern:	Omnidirectional
Polarisation:	Vertical
Power Rating :	300 watts average (CW continuous)
Input Impedance:	50 ohms
Input connection:	N type Female
Overall length:	0.8m
Overall Width:	1.3m (ground-plane diameter)
Wind Rating	230 km/hr
Mounting:	Mounts to any circular spigot or tube 30 -50mm Diameter (Or to customer requirement)