VHF/ UHF DISCONE ANTENNA  
Model: BPV-LB-108-400

Designed for a variety of base station and tactical applications, the BPV-LB 108-400 is a compact vertically polarised broadband antenna which operates in the frequency range of 108-400 MHz with power handling of 100 watts CW. Mechanical construction of the antenna enables it to withstand the most rugged environmental conditions, with full protection against high wind loads, aggressive salt spray conditions, extreme temperature variation, and wind-borne sand abrasion.

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

Full connector protection can be provided via a gland-entry weather shroud for marine/ salt spray environments (optional)  
* Lightning and static discharge protection is provided

**Specifications**

- **Frequency**: 108-400 MHz  
- **Gain**: >2 dBi typical  
- **VSWR**: Maximum 3:1 across band  
- **Radiation Pattern**: Omnidirectional  
- **Polarisation**: Vertical  
- **Power Rating**: 150 watts average (CW continuous)  
- **Input Impedance**: 50 ohms  
- **Input connection**: N type Female  
- **Wind Velocity Rating**: 180 km/hr  
- **Operational Temp**: -40 to +70 deg. C  
- **Storage Temp**: -40 to +70 deg. C  
- **Overall length**: 1.2m  
- **Overall Width**: 0.85m (ground-plane diameter)  
- **Weight**: 5.5 Kg  
- **Finish**: Black/ Grey Epoxy- Glass  
- **Mounting**: Mounts to any circular spigot or tube 30 -50mm Diameter  
  (Or to customer requirement)
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BPV-LM-108-400

Gain versus frequency Plot
Total gain dBi

[Graph of gain versus frequency]

Mounting via parallel clamps to suit mast spigot diameter 40mm

HF_UHF 108 - 400 Discone.doc, Issue 0908