

Multiband Vertical HF Delta loop antenna 10-30MHz v.2017 ALU

Price : 247.17 Euro



Catalog No. : **VPA-MBD-AL**

Manufacturer : **VPA-Systems**

Availability : **Available - Up to 20 working days production time**

Rating :

Multiband vertical delta loop antenna M0PLK based v.2017

Closed loop antennas are always less sensitive to noise than open driven element antennas (e.g. vertical or dipole). This Multiband Delta Loop antenna, is based on M0PLK design but completely redesigned, has a unique configuration and feed solution resulting in low angle radiation, this making it a great performer on real DX.

- Performs well on (30)-20-17-15-12-10m.
- Usable on lower and higher bands with reduced performance.
- Low radiation angle due to novel top-feed system using low loss ladder line.
- Based on the SP3PL Multibander 7PL antenna.
- Bi-directional and very low noise in comparison to a vertical.
- Design is non-resonant so an ATU is required.
- Comes complete with ladder line, main loop wire, aluminium telescopic rods, matching transformer. No guying system and assembly instruction (very simple and partly pre-assembled) is included.

This is redesigned version and called v.2017...

- **New wideband balun can handle 300W continuous. Also available 1kW version.**
- **High quality SO-239 socket with goldened center pin and teflon as insulator.**
- **Balun inside new black ABS/PC box. UV resistant.**
- **Specialy designed dedicated center insulator and **ladder insulators (now much wider ladder for better match)** made from black ABS/PC - Crash and UV resistant.**
- **Very solid poliamid clamps for mounting antenna arms.**
- **Wire elements made from DX-Wire wires. Ladder DX-Wire type F. Upper wire DX-Wire HDL. Wires with PE cover. UV resistant.**
- **Antenna base made by CNC machine.**
- **Some small improvements.**
- **Look at the images above for more details!**

| Technical information | M0PLK based Multiband Delta |
|------------------------------------|--|
| Frequency coverage | 10* - 30 MHz |
| Gain | 3.5 - 9.0 dBi depending on band |
| Elevation angle (10m above ground) | 38 - 11 deg. depending on band |
| Max. input power (continuous) | 300W (opt. 1kW) |
| SWR | 1.5-3.5:1 needs ATU |
| Antenna height | 500 cm |
| Antenna width | 550 cm |
| Antenna connector | SO-239 |
| Weight | 5kg |
| Elements diameter | Tapered 25x2-20x1.5-16x1.5mm |
| Used wires | DX-Wire type F and HDL |
| Used material | aluminium / stainless steel |
| Mast mount | Double - dia. 25-50mm |

To see antenna plots look above **PLOTS AND MEASUREMENTS** tab.

When assembled, the antenna is ready to work and does not require additional tuning.

No drilling, no cutting - just assembly and enjoy antenna.

Options available for Multiband Vertical HF Delta loop antenna 10-30MHz v.2017 ALU

Balun: Standard - 300W, Hi Power - 1kW (+32.67 Euro).

VPA-Systems.pl