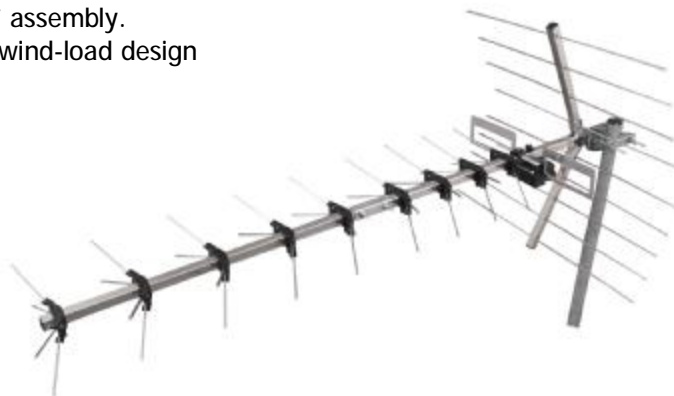


## Datasheet

### V10-481 CD/W UHF High Gain Wideband Television Aerial for Digital TV

- CAI/DTG Benchmark Standard 2 Cert No CAI/AB011
- Ideal in weak signal areas
- High Gain & Directivity
- Large Reflector for High Front / Back ratio to reject unwanted signals
- Wire elements for low wind-loading, 18mm boom section for rigidity
- F-Connector Supermatch balun
- Part pre-assembled & "No-tools" assembly.
- Robust and rigid yet uses a low wind-load design



Also available

V10-481-CD/W 5P 5 pack with one-piece boom

Model	V10-481 CD/W
Total no of Elements	48 inc resonator, dipole, directors and reflector
No of Directors	9 bays of 4
Reflector Elements	10
Balun	Vision Printed Circuit Supermatch Balun with F-Connector
Junction Box	Clamshell ventilated weather-proof ABS moulding with cable entry grommet
Boom sizes	2 piece 18mm central boom with boom coupler (1 piece on V10-481CDW 5P)
Element material	5mm dia aluminium wire with patented staking system
Construction Material	Magnesium aluminium alloy for high strength & corrosion resistance
Finish	Clean and polished aluminium
Clamp	Tilt Clamp 0-15° Heavy Duty Galvanised Steel up to 60mm (2¼")
Forward Gain (maximum)	15.0dBi
Frequency range	Wideband 470 - 862MHz
Acceptance Angle (half-power beam-width)	±20° at Ch21 ±12° at Ch68
Front / Back Ratio	>26dB
Cross Polar Rejection (typical)	-25dB
Weight kg	1.6
Length mm	1230mm
Width mm	500mm
Height mm	665mm (reflector)
Packaging	V10-481 CD/W individual carton/outer of 5 V10-481 CD/W 5P Polybag / outer of 5 with one-piece boom

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press.24/04/2008