VISION® Powerful Products Easy Installation Excellent Value

Datasheet

V10-421 CD/W Trident 2

- UHF High Gain Wideband Television Aerial for Digital TV
- CAI/DTG Benchmark Standard 2
- Ideal in weak signal areas
- High Gain & Directivity
- Unique bow-shaped booms for rigidity and reduced wind load
- Large Reflector for High Front/Back ratio to reject unwanted signals
- 5mm Wire elements for low wind-loading & strength
- F-Connector Supermatch balun
- "No-tools" assembly.

Cert No CAI/AB052

Model	V10-421 CD/W Trident 2
Total no of Elements	42 inc resonator, dipole, directors and reflector
No of Directors	27
Reflector Elements	14 (2x7) with pre-mounted ABS support frames
Balun	Vision Printed Circuit Supermatch Balun with F-Connector
Junction Box	Clamshell ventilated weather-proof ABS moulding with cable entry grommet
Boom sizes	18 x 18mm central boom + 2 x 14mm auxiliary booms
Element material	5mm dia aluminium wire with patented staking system
Construction Material	High strength & corrosion resistant magnesium aluminium alloy
Finish	Anodised coating for additional corrosion protection
Clamp	Tilt Clamp 0-15^0 Heavy Duty Galvanised Steel up to 60mm (2¼")
Forward Gain (maximum)	15.0dBi
Frequency range MHz	Wideband 470 - 862MHz
Acceptance Angle (half-power beam-width)	<±12^0
Front / Back Ratio	30dB
Cross Polar Rejection (typical)	27dB
Weight kg	2.2
Length mm	1162mm
Width mm	555mm
Height mm	665mm (reflector)
Packaging	Individually boxed

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

Vision Products (Europe) Ltd. Unit 1 Redbourne Park, Liliput Road,
Brackmills Industrial Estate, Northampton, NN4 7DT
Tel: 0845 017 1010 Fax: 0845 017 1011 Email: technical@vision-products.co.uk
E&OE 2008 Vision Products (Europe) Ltd.
Company Reg No. 05044212
www.vision-products.co.uk

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