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VHF ANTENNAS

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PHASED ARRAY ANTENNAS

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Antenna Vertical/Horizontal Phased Array (With Balun) 8 Element

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03MM-LITTLERAY

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Application

03MM-LITTLE RAY and 03MM-BIGRAY are primarily used for fringe areas where horizontal and vertical polarities signals are scattered. In vertically polarized areas they exhibit excellent anti-ghosting characteristics.

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Features

- Heavy duty construction
- Black ABS U/V resistant plates
- Easy assembly
- 12.7mm diameter

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Antenna Vertical/Horizontal 16 Element Phased Array (With Balun)

03MM-BIGRAY

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DIGIMATCH ANTENNAS

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Antenna VHF(2-12) 17 Element

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03MM-DV2005

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Application

Best suited to metropolitan areas to receive VHF Channels.

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Features

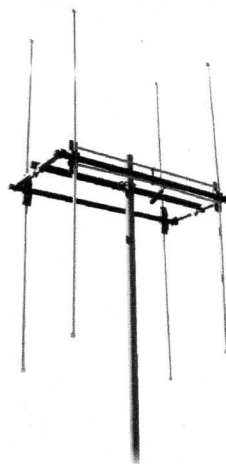
- Capable of receiving Digital & Analogue VHF TV Terrestrial Signals
- Improved Gain, VSWR, F/B Ratio
- 'F' Type PCB Balun
- High visual impact packaging

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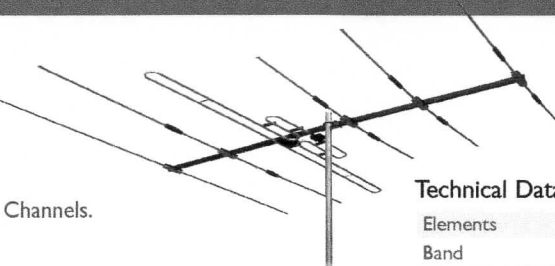
Technical Data

Elements	8
Band	3
Channels	6-12
Maximum Gain	9.5dB
F/B	14dB
Balun	Yes
Packing Unit	5
Carton Size	870 x 460 x 510
L x H x W (mm)	
Weight	4kg



Technical Data

Elements	16
Band	3
Channels	6-12
Maximum Gain	12.5dB
F/B	16dB
Balun	Yes
Packing Unit	5
Carton Size	2400 x 460 x 510
L x H x W (mm)	
Weight	5kg



Technical Data

Elements	17
Band	1-3
Channels	2-12
Max. Gain	Ch2 5dB, B3 12dB
AV VSWR	1.6:1
F/B Ratio	B1 16.6dB, B3 25dB
Boom Dimension	25mm x 19mm
Boom Length	2090mm
Carton Size	2125 x 280 x 85
L x H x W (mm)	
Packaging Unit	1
Weight	3.9kg



'F' Type
Balun

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UHF ANTENNAS

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ANTENNA UHF(21-69) 36 ELEMENT X-TYPE PHASED ARRAY

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02MM-MDU36

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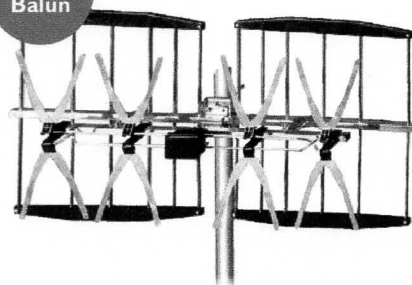
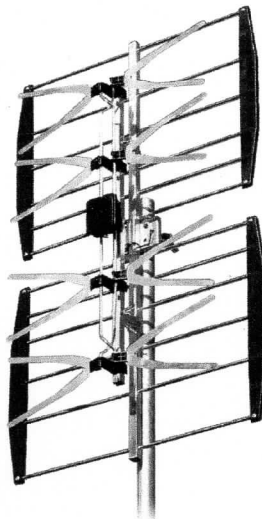
Application

Suitable for tree lined areas and undulating terrain.
Ideal for stacking across water where reflection is a problem.

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Features

- Channels/Perimeters: (21-69)
- Heavy gauge phasing harness
- Extruded back screen
- Easily mounted Horizontally or Vertically



Technical Data

Elements	36
Channels	21-69
Frequency Range	470-860MHz
Max. Gain	
Front/Back Ratio	
Half Power Beam Width Horizontal	
Half Power Beam Width Vertical	
Wind loading Horizontal	
Boom Length	
Cable Connection	'F' type
Packing Type/Unit	Inner: I Outer:
Inner Carton Size	100 x 558 x 100mm
Weight	

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ANTENNA UHF (21-69) 43 ELEMENT X-TYPE 02MM-MDU43

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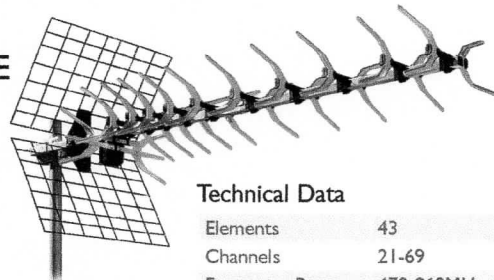
Application

Suitable for tree lined areas and undulating terrain, medium signal areas where ghost rejection and good multiplex flatness is required

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Features

- Channels/Perimeters: (21-69)
- UV resistant black plastics
- 'F' Type PCB balun for quick installation & improved VSWR
- X type elements for increased gain & wideband performance



Technical Data

Elements	43
Channels	21-69
Frequency Range	470-860MHz
Max. Gain	13dB
Front/Back Ratio	>20dB
Boom Length	1070mm
Cable Connection	'F' Type
Packing Type/Unit	Inner: I Outer: 10
Inner Carton Size	353 x 668 x 67.5mm
Weight	

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ANTENNA UHF (21-69) 91 ELEMENT X-TYPE 02MM-MDU91

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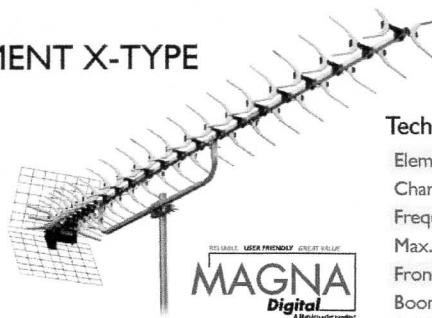
Application

Suitable for fringed/long range ultra high frequency signal areas where you require the best

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Features

- Channels/Perimeters: (21-69)
- UV resistant black plastics
- 'F' Type PCB balun for quick installation & improved VSWR
- Compact high visual impact packaging
- X type elements for increased gain & wideband performance



Technical Data

Elements	91
Channels	21-69
Frequency Range	470-860MHz
Max. Gain	16dB
Front/Back Ratio	>26dB
Boom Length	2238mm (split boom)
Cable Connection	'F' Type
Packing Type/Unit	Inner: I Outer: 10
Inner Carton Size	353 x 846 x 82mm
Weight	

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