



VHF ANTENNAS

PHASED ARRAY ANTENNAS

03MM-LITTLERAY	03.27
03MM-BIGRAY	03.27

DIGIMATCH ANTENNAS

03MM-DV2005	03.27
03MM-DR3004	03.28
03MM-DR3006	03.28
03MM-DR3010	03.29
03MM-DR3018	03.29

REGIONAL VHF ANTENNAS

03MM-345AY4	03.29
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FM RADIO

03MM-FM3	03.30
03MM-FMG8	03.30



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VHF ANTENNAS

PHASED ARRAY ANTENNAS

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

03MM-LITTLE RAY

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.

Features

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



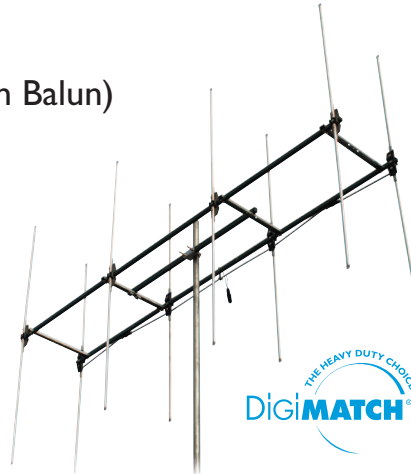
Technical Data

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



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

03MM-BIGRAY



Technical Data

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

DIGIMATCH ANTENNAS

Antenna VHF(2-12) 17 Element

03MM-DV2005

Application

Best suited to metropolitan areas to receive VHF Channels.

Features

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



Technical Data

Elements	17
Band	B1, B2, B3
Channels	2-12
Max. Gain	B2 5dB, B3 12dB
AVVSWR	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





Antenna VHF (6-12) 4 Element 03MM-DR3004

Application

Best suited to metropolitan areas to receive VHF Channels.

Features

- Improved Gain, VSWR, F/B Ratio
- Black ABS UV resistant plastics
- Capable of receiving Digital & Analogue VHF TV Terrestrial Signals
- Easy assembly
- Stainless steel connections
- 12.7mm diameter elements
- HDTV Compliant
- High visual impact packaging
- Ideal vertical for DAB use
- Optional extra boom requires Part No. 1 IMM-SM1-15 for vertical mounting.



'F' Type
Balun

Technical Data

Elements	4
Band	3
Channels	6-12
Max. Gain	7dB
F/B Ratio	16.8dB
Boom Dimension	25mm x 19mm
Boom Length	795mm
Weight	1.26kg
Carton Size	910 x 170 x 100
L x H x W (mm)	
Packaging Unit	1

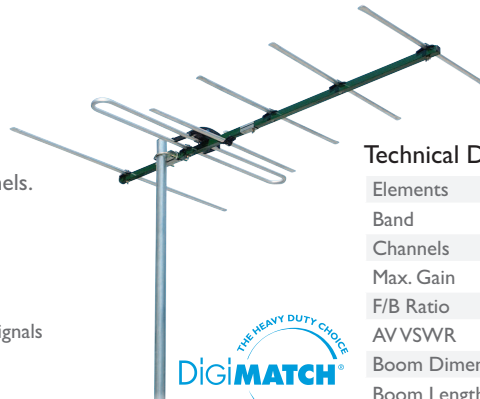
Antenna VHF (6-12) 6 Element 03MM-DR3006

Application

Best suited to metropolitan areas to receive VHF Channels.
Ideal vertical for DAB+ use.

Features

- Improved Gain, VSWR, F/B Ratio
- Black ABS UV resistant plastics
- Capable of receiving Digital & Analogue VHF TV Terrestrial Signals
- Easy assembly
- Stainless steel connections
- 12.7mm diameter
- OFDM Compatible
- HDTV Compliant
- High visual impact packaging
- Optional requires Part No. 1 IMM-SM1-15 for vertical mounting.



'F' Type
Balun

Technical Data

Elements	6
Band	3
Channels	6-12
Max. Gain	8.1dB
F/B Ratio	16dB
AV VSWR	1.6:1
Boom Dimension	25mm x 19mm
Boom Length	1195mm
Weight	1.42kg
Carton Size	910 x 170 x 100
L x H x W (mm)	
Packaging Unit	1

WHY BUY DIGIMATCH ANTENNAS

- Australian designed & manufactured
- High definition compliant
- Heavy Duty construction
- Stainless steel screws
- Black ABS UV resistant plastics
- Compact visual packaging
- 'F' Type PCB weatherproof balun
- 12.7mm dia elements

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VHF ANTENNAS

Antenna VHF (6-12) 10 Element

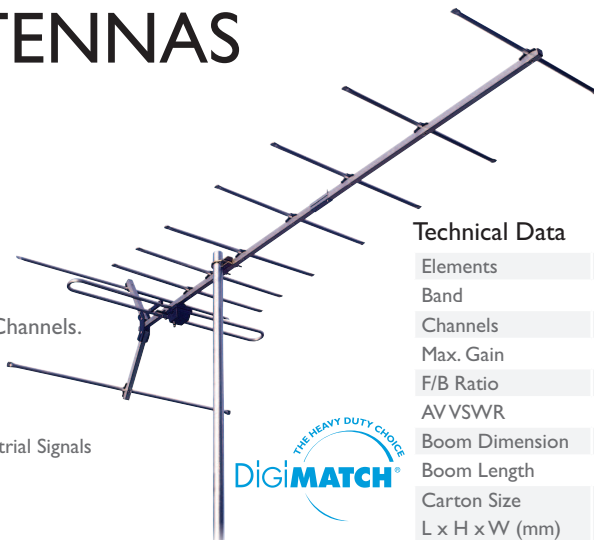
03MM-DR3010

Application

Best suited to metropolitan areas to receive VHF Channels.

Features

- Improved Gain, VSWR, F/B Ratio
- Black ABS UV resistant plastics
- Capable of receiving Digital & Analogue VHF TV Terrestrial Signals
- Easy assembly
- New reflector system
- Stainless steel connections
- 12.7mm diameter elements
- HDTV Compliant
- High visual impact packaging



Technical Data

Elements	10
Band	3
Channels	6-12
Max. Gain	9.5dB
F/B Ratio	>20dB
AVSWR	1.5:1
Boom Dimension	25mm x 19mm
Boom Length	1845mm
Carton Size L x H x W (mm)	1425 x 160 x 130
Packaging Unit	1
Weight	2.4kg

Antenna VHF (6-12) 18 Element

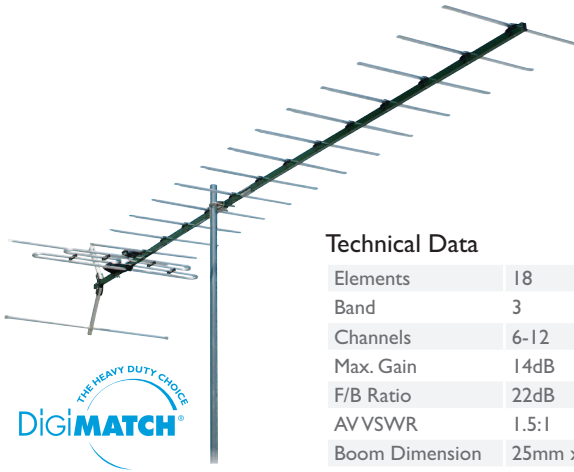
03MM-DR3018

Application

Best suited to metropolitan areas to receive VHF Channels.

Features

- Improved Gain, VSWR, F/B Ratio
- Black ABS UV resistant plastics
- Capable of receiving Digital & Analogue VHF TV Terrestrial Signals
- Easy assembly
- New reflector system
- Stainless steel connections
- 12.7mm diameter elements
- HDTV Compliant
- High visual impact packaging



Technical Data

Elements	18
Band	3
Channels	6-12
Max. Gain	14dB
F/B Ratio	22dB
AVSWR	1.5:1
Boom Dimension	25mm x 19mm
Boom Length	3190mm
Carton Size L x H x W (mm)	3430 x 340 x 150
Weight	6.02kg

REGIONAL VHF ANTENNAS

Antenna Newcastle (3, 4 & 5A) 4 Element

03MM-345AY4

Application

Best suited for Newcastle.

Features

- High visual impact packaging

Technical Data

Transmission Channel	3	5A
Gain referred to Std. Dipole at V.C.F.	4 dB	5.2dB
Front to Back Ratio	12.6dB	15dB
Half Power Beam Angle	±30°	±25°
Packaging Unit	2	
Inner Carton Size	1830 x 330 x 120mm	
Weight	2.18kg	





FM RADIO

Antenna FM 3 Element (No Balun)

03MM-FM3

Technical Data

Elements	3
Gain	5dB
F/B	15dB
Balun	No
Packaging Unit	1

Antenna FM 8 Element (No Balun)

03MM-FMG8

Application

FM Antenna

Features

- 12.7mm diameter elements
- Stainless steel connection screws
- Black U/V resistant insulators
- High visual impact packaging
- Optional extra 05MM-TV4F Balun

Technical Data

Elements	8
Gain	10.9dB
F/B	20.5dB
Balun	No
Packaging Unit	1
Inner Carton Size	2450 x 80 x 275mm
Weight	3.01kg



WHY BUY DIGIMATCH ANTENNAS

- Australian designed & manufactured
- High definition compliant
- Heavy Duty construction
- Stainless steel screws
- Black ABS UV resistant plastics
- Compact visual packaging
- 'F' Type PCB weatherproof balun
- 12.7mm dia elements