



IMPROVED ANTENNA PERFORMANCE

DESIGN

INNOVATIVE

DESIGN

DIGITAL Designed For Digital Reception

ANTSIG

Precise Digital Signal Collection



Extends Life Superior 'Sag' Reduction DURABLE Antenna Elements

ADVANCED

TESTING EQUIPMENT

TESTING MANUFACTURE

Reinforced Hard Wearing Refined Finish

WEATHER

INDUSTRY STANDARD PRECISION, DELIVERING QUALITY PRODUCTS

Balun Design

Prevents Corrosion Improves Signal Transfer

Antsig's Research & Design using an Anechoic Testing Chamber ensures your new antenna is designed to Australian standards for precise Digital Signal Collection. DESIGNED, TESTED + ENGINEERED

IN AUSTRALIA.

STATE-OF-THE-ART Testing Equipment



CONTENTS

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1312

meme

Accessories















AP433

AP480



AP448

AP07

HDMI ADAPTOR KIT

- HEAC, HDCP, 3D compatible
- HDMI to mini adaptor
- HDMI to micro adaptor
- Suits all resolutions



AT PANEL

HDMI connect HDMI

HDMI ADAPTOR

RIGHT ANGLE

- HEAC, HDCP, 3D compatible
- Suits all resolutions
- Gold plated connectors
- Digital application





HDMI EXTENDER

- HEAC, HDCP, 3D compatible
- Allows the extension of HDMI cables

CAMER/

- Gold plated adaptor
- Suits all resolutions



SMARTPHONE



- Different colour coding bands included
- Gold Plated
- For video or audio applications





VIDEO







- Dual port USB car charger
- 3.1A charging current shared across both ports
- Suitable for iPads, tablets, phones and other portable devices across many different brands
- Can charge a tablet and phone at the same time



USE



AVAILABLE IN BLACK OR WHITE





CHARGER

AP624

2USF





- Commonly used for mobile phones
- Used for charging and/or data synchronization





TARI F

USB 2.0 LEAD to MICRO USB 5 PIN





AP634 **QUAD USB WALL CHARGER 4.5A**

- 4.5A, 22W total power output
- Can charge 2 iPads or 2 Samsung Tablets at the same time, plus many other combinations across many different brands including
- 2 ports for Apple and 2 ports for Samsung Tablets, all 4 covering almost every brand 480Mb/s

phones, iPods etc



AP506

1.2



devices across many different brands Can charge up to 2 tablets at the

same time

Dual port USB car charger

shared across both ports

phones and other portable

Suitable for iPads, tablets,

4.2A charging current



AVAILABLE IN BLACK OR WHITE



CAR CHARGER 3.1A DUAL USB





PLUG-IN POWER CHARGER

DATA





ANTSIG

the Essentials



- Designed for digital TV reception
- Receives all 3D TV broadcast signals
- Recommended for use in **PRIME** metro signal areas

AA1100

AA1300

- ----
- Receives full high definition TV broadcasts, for a
 - perfect picture
- Will receive DAB+ digital radio signals, for clear, perfect sound



DIGITAL HD TV ANTENNA

- Designed for digital TV reception
- Receives all 3D TV broadcast signals
- Recommended for use in MEDIUM metro signal areas
- Receives full high definition TV broadcasts, for a perfect picture

AA1200

 Will receive DAB+ digital radio signals, for clear, perfect sound







DIGITAL HD TV ANTENNA

- Designed for digital TV reception
- Receives all 3D TV broadcast signals
 Recommended for use

in **FRINGE** metro

signal areas

- Receives full high definition TV broadcasts, for a perfect picture
- Will receive DAB+ digital radio signals, for clear, perfect sound





ANTENNA INSTALLATION

Step 1. Determining Antenna

 Antsig Antenna Selection Maps can help you select your antenna based on your location: ie. If you are in Prime, Medium or Fringe area?



- Map icons show whether the signal is VHF/UHF combo or UHF only, and the polarisation (vertical or horizontal) of the signal.
- Consider a larger antenna if installing more than 2 TV connection points, or installing your antenna inside your roof cavity. [Not suitable for metallic/conductive roofing].

Step 2. Mounting Antenna

Position

- The highest point, closest to the broadcast transmitter, away from sources of noise (motors, etc.);
- Avoid obstructions between the antenna and the broadcast transmitter;

Direction

- Point antenna directly towards broadcast transmitter
 see Antsig Antenna Map.
 Antsig Signal Meter (AP9000, p15) can be a great help for this.
- Try the same direction as neighbouring antennas if the transmitter is not visible.

ANTENNA





 Use RG6 quad shield coaxial cable and F-type connectors for all installations. This ensures best rejection of external signals, and greatly improves the received signal

Splitting the Signal (if required)

• Use F-type splitters

Note: A splitter splits the signal to the outputs regardless of the connections made. i.e. A 4 to 1 splitter will always give a $\frac{1}{2}$ the power at each output, even if you only connect 1 TV.

Amplifiers (if required)

Requires a good 'signal in' (from the antenna) to ensure a good 'signal out' - thus the closer to the antenna the better

 A masthead amplifier is mostly for fringe areas, especially within undulating areas

For the complete Antenna Installation Guide scan the following code using a smart phone.





ANTENNA





11



ANTSIG

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ACCESSORIES







F-CONNECTOR CRIMP TYPE

- Terminates RG6 coaxial cable
- Suitable for digital TV applications



AP152

AP9000

AP150

HEAVY DUTY CRIMP TOOL F-CONNECTOR

- Terminate coax cables
- Heavy duty construction for use with RG59U and RG6 F-Connector crimps



APT106

APT332



DIGITAL TV SIGNAL METER

- Assists in antenna installation and alignment for best digital reception
- Shows digital signal strength via easy to read LED display
- Includes two F to PAL adaptors
- Includes battery



COAXIAL CABLE STRIPPER TOOL

- Strips RG-58/59/62/6/6QS/3C/4C/5C type cables
- Strips the coaxial jacket and inner conductor in one operation
- Industry standard stripping tool
- Easy to follow instructions





ACCESSORIES

AP1612

3

piece

AP700

2

outputs



AP185

10

metre

GALVANISED FASCIA MOUNT

An expandable fascia mount

2 WAY

combo

2 inputs for UHF

and/or UHF/VHF

Fully screened with

very low noise figure

MASTHEAD AMPLIFIER

- 3 inter-lockable poles 2 x 600mm (finished length) straight poles and 1 right angle pole
- Total straight length of 1.4 metres
- Suitable for most outdoor antenna installations



Waterproof outer

plastic housings

Mast or wall mounted

RG6 QUAD SHIELD CABLE KIT

- Low loss with all VHF/UHF frequencies
- Easy to install no soldering required
- Includes moulded weatherproof balun with F-Connection
- Premium Quality RG6 Quad Shield Cable





RG6 QUAD SHIELD COAX CABLE

- Quad shield RG6 coaxial cable
- Industrial standard
- Ideal for digital television applications
- Four outer layers of shielding for maximum protection against electrical interference
- Reel holds 150m of quality RG6 Quad Cable
- Cable is marked backwards from 150m to 1m to indicate how much remains on reel













This information will assist you in completing your antenna installation.



Scan the following codes using your smart phone to download.





INFORMATION

AN INSTALLATION OVERVIEW





ANTSIG is proudly produced by ARLEC Australia Pty Ltd

For Customer Service Enquiries Please Call

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ANTSIG.com



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