

COMBINATION VHF/UHF ANTENNA

EFD Engineered For Digital UHF/VHF Combination Antenna

Hills Antenna TV Systems Division have developed a new and exciting range of UHF/VHF Combination antenna to meet the needs of digital and analogue television reception. The introduction of digital television has allowed the opportunity to further improve our antennas by utilising the latest available technology.

Features:

- Digital and analogue compatibility
- Printed Circuit Board baluns to provide optimal impedance matching and mechanical characteristics
- F Type connectors for better shielding and more reliable connections
- Heavy duty extruded aluminium element construction for extra strength
- UV stable plastics for durability under harsh Australian conditions
- Simple assembly and reliable mounting
- FM Compatible
- Australian designed and manufactured

F Type Connectors

F Type connectors for better shielding and more reliable connections.



Insulators

Unique Hills snap-lock insulators for quick assembly and positive locking. The engineering grade plastic used is ultra-violet stabilised to provide long life.



The Elements

The elements are heavy duty extruded aluminium as used in our very popular pathfinder series



UHF Dipole Design

The UHF dipole was designed in Australia by Hill's engineering team to provide excellent band 4 performance.



EFD1 – For Prime Signal Areas

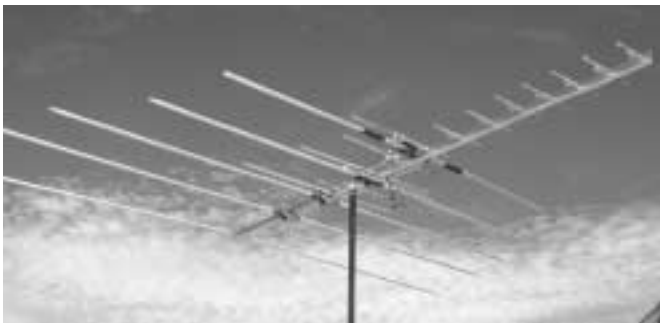
Channels	VHF 1-12 UHF 28-36
FWD Gain	VHF 3.5-8dB UHF 10dB
F to B ratio	VHF10-15dB UHF 10-14dB

FB607072F

EFD2 – For Fringe Signal Areas

Channels	VHF 1-12 UHF 28-36
FWD Gain	VHF 4-9dB UHF 13dB
F to B ratio	VHF10-15dB UHF 10-14dB

FB607073F



Free to Air Antenna

COMBINATION VHF/UHF ANTENNA

Pathfinder UHF/VHF Combination Antenna

Pathfinder® Antenna

Combined UHF and VHF antenna, designed to provide optimum performance on both UHF and VHF channels.

PF11

VHF Channels 1-11
UHF Channels 28-34
Prime Signal Antenna
Forward gain
Front to back ratio

FB605460

5 Elements
6 Elements
3.5-8.5dB VHF, 10dB UHF
10-15dB VHF, 10-14dB UHF



PF14 NEW

VHF Channels 3&5A
UHF Channels 34-57
Prime Signal Antenna
Forward gain
Front to back ratio

FB603982

3 Elements
10 Elements
4.5-8.5dB VHF, 11-14dB UHF
10dB VHF, 17-23dB UHF



PF15

VHF Channels 1-11
UHF Channels 28-69
Prime Signal Antenna
Forward gain
Front to back ratio

FB605978

5 Elements
10 Elements
3-9dB VHF, 8-14dB UHF
7-17dB VHF, 15-19dB UHF

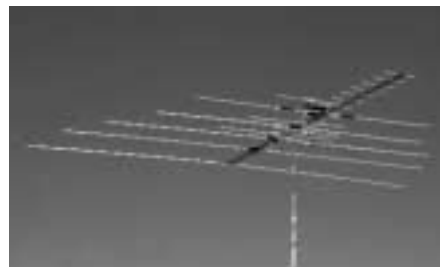


PF17

VHF Channels 1-11
UHF Channels 28-34
Outer Prime Signal Antenna
Forward gain
Front to back ratio

FB605486

6 Elements
10 Elements
4-9dB VHF, 13dB UHF
10-15dB VHF, 10-14 UHF



PF15 B4+

Channel Coverage:

FB606550

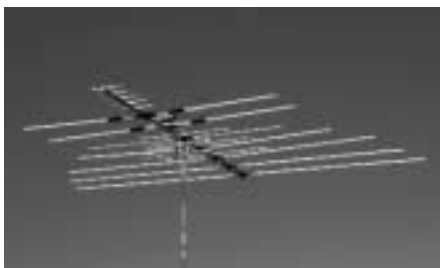
VHF, 1-11 UHF, 28-50

PF20

VHF Channels 1-11
UHF Channels 28-34
Inner Fringe Antenna
Forward gain
Front to back ratio

FB605494

10 Elements
10 Elements
4-9dB VHF, 12.5-13.5dB UHF
5-14dB VHF, 15.5dB UHF

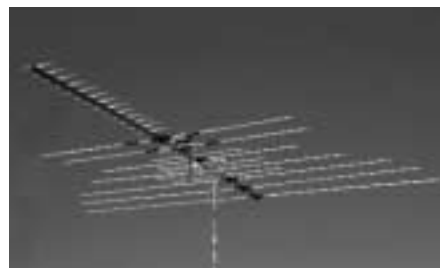


PF28

VHF Channels 1-11
UHF Channels 28-34
Outer Fringe Antenna
Forward gain
Front to back ratio

FB605452

10 Elements
18 Elements
4-9dB VHF, 13-14.5dB UHF
5dB VHF, 14-15dB UHF



COMBINATION VHF/UHF ANTENNA

Pathfinder® Heavy Duty Antenna

The elements of the Pathfinder Heavy Duty range are constructed from 1/2inch aluminium tube. The electrical performance of the Pathfinder Heavy Duty range is identical to the standard Pathfinder antenna.

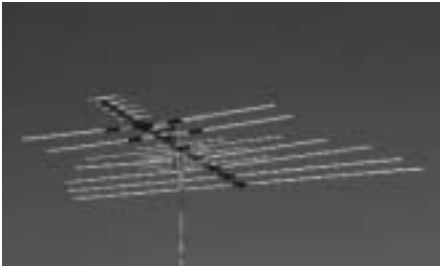
PF11HD

FB603852



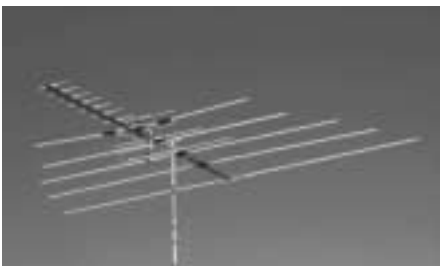
PF20HD

FB605662



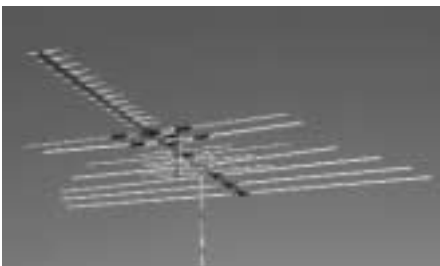
PF17HD

FB605670B



PF28HD

FB605654



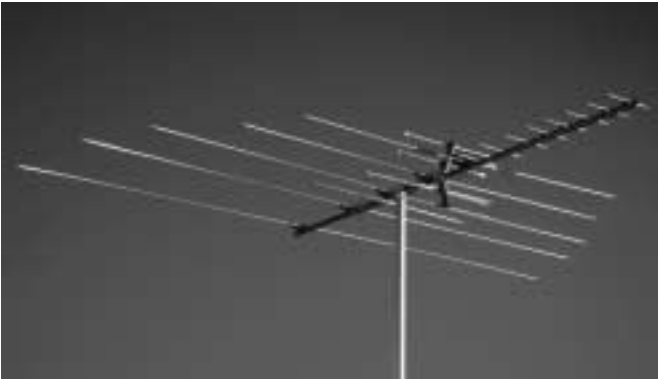
Channel King UHF/VHF Regional Antenna

Channel King UHF/VHF Antenna

CK20	FB447044A
VHF Channels 2-11	13 Elements
UHF Channels 28-35	
Prime Signal Antenna	
Forward gain	3.5-5.5dB VHF, 10dB UHF
Front to back ratio	10-15dB VHF, 15dB UHF

TRAKKA SUPER UHF/VHF Antenna

TRAKKA SUPER 20	FB605540
VHF Channels 1-11	6 Elements
UHF Channels 28-34	10 Elements
Outer Prime Signal Antenna	
Forward gain	4-9dB VHF, 13dB UHF
Front to back ratio	10-15dB VHF, 10-14 UHF



Free to Air Antenna

COMBINATION REGIONAL ANTENNA

Telebeam UHF/VHF Regional Antenna

For VHF, channels 6-11 inclusive and wide band UHF, channels 28-69 inclusive

UV14

VHF Channels 6-11
UHF Channels 28-69
Prime Signal Antenna
Forward gain
Front to back ratio

FB605768

4 Elements
10 Elements
6-8dB VHF, 8-13dB UHF
14-19dB VHF, 11-17dB UHF

UV24

VHF Channels 6-11
UHF Channels 28-69
Outer Prime Signal Antenna
Forward gain
Front to back ratio

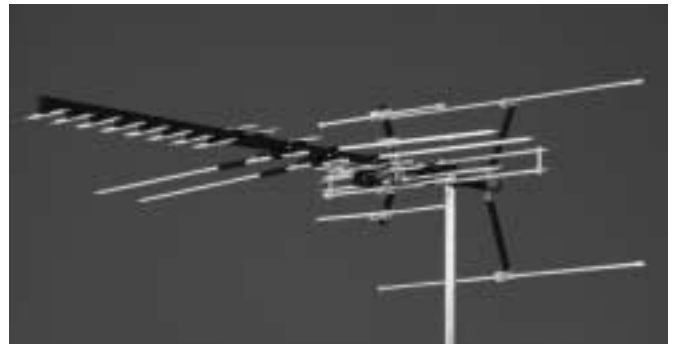
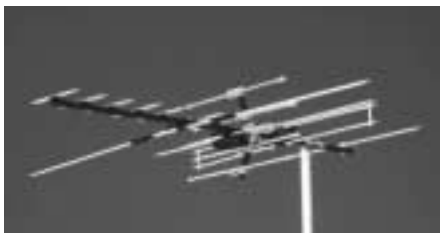
FB605750A

6 Elements
18 Elements
7-9dB VHF, 8-16dB UHF
14-17dB VHF, 14-18dB UHF

UV14B4+

VHF Channels 6-11
UHF Channels 28-60

FB606542



Seeker Cross Polarised Regional Antenna

For regions where UHF and VHF channels are in alternate polarities. Seeker UV13 is designed for use where VHF is vertical and UHF is horizontal.

UV13/2850

VHF Channels 6-11
UHF Channels 28-50
Prime Signal Antenna
Forward gain
Front to back ratio

FB603828

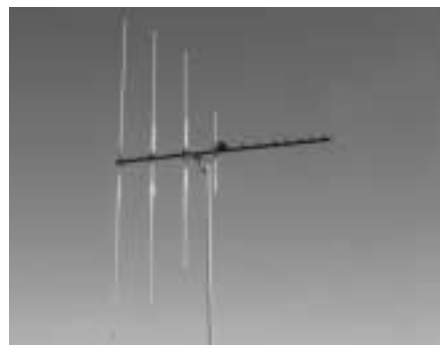
4 Elements
9 Elements
6-7.5dB VHF, 11-14dB UHF
10-14dB VHF, 12-17dB UHF

UV16/C

VHF Channels 6-11
UHF Channels 28-49
Prime Signal Antenna
Forward gain
Front to back ratio

FB605822

6 Elements
10 Elements
4-7.5dB VHF, 10-12.5dB UHF
10-14dB VHF, 12-15dB UHF



UV13/5069

VHF Channels 6-11
UHF Channels 50-69
Prime Signal Antenna
Forward gain
Front to back ratio

FB603810

4 Elements
9 Elements
6-7.5dB VHF, 12-15dB UHF
10-14dB VHF, 12-15dB UHF

