PK's Loop Antennas ABN 76 271 051 082

Clear & Long Range AM Radio Reception Everywhere

HD Series Wideband AM Loop Antenna – with FM combiner input

CODE: C-LOOP-HDWAM-FM

Enhances AM reception and increases the quality of your listening experience!

Description:

This is our HD Series Wideband AM Loop Antenna. It is an outdoor weatherproofed loop designed for full AM band reception. Ideal for building installations and cable head end receivers; if used with our unique RX splitters it can feed multiple receivers from the one antenna feed, easing the cable requirements and installation effort.

Specifications:

- Frequency range – AM Band Only 520 – 1720 KHz +/- 3dB
- Antenna impedance is 75 Ohms and should be used with RG-6/RG-11 Quad Coaxial Cable with weatherproof (Compression) F-Type connectors.
- Supplied with DC Power Injector (and an approved 12 Volt DC plug pack for AUS / NZ customers only.)
- Dimensions - 36cm diameter UV stabilised PVC antenna with 32mm diameter tube.
- Weatherproofed and includes mounting bracket with screws. U-Bolts are not supplied.
- Integrated FM (88 to 108MHz) combiner for connection to a separate FM antenna, such as a whip or yagi, so that both AM & FM signals are carried on the one coax cable run to the receiver.

Power requirements: **9-18 Volts Filtered DC power supply @ 50mA Negative Ground. Note that Positive is the centre pin of the DC Injectors power connector and that this DC voltage is carried on the coax cable to the antenna, caution should be observed to prevent accidental / un-intentional short circuits.**

Mounting: This is an outdoor Antenna; its ideal height/distance from structures is 1-2metres when used above steel deck or concrete roofs. It should be placed vertically and pole mounted using 2 x U-Bolts, so that it can be rotated for strongest reception. The Loops' direction to the station is edge-on. (Broadside is the receive NULL)
Be sure to thoroughly seal the connectors with self-amalgamating tape.

Notes: AM reception is subject to the effects of signal propagation, interference and the time of day. Sources of local and man made interference from Electronic/Electrical Equipment can cause problems, careful placement of the antenna is necessary to obtain the best reception. Co-channel and interference from other stations can be minimized using the directional qualities of our Loop Antennas.

Regards,
Paul Karlstrand
PK's Loop Antennas
6 Blossom Walk
Croydon, Victoria
Australia 3136
Mobile Ph 0412 302 939

Email pkloops@bigpond.net.au Website www.amradioantennas.com

Copyright © 2008 PK's Loop Antennas
www.amradioantennas.com