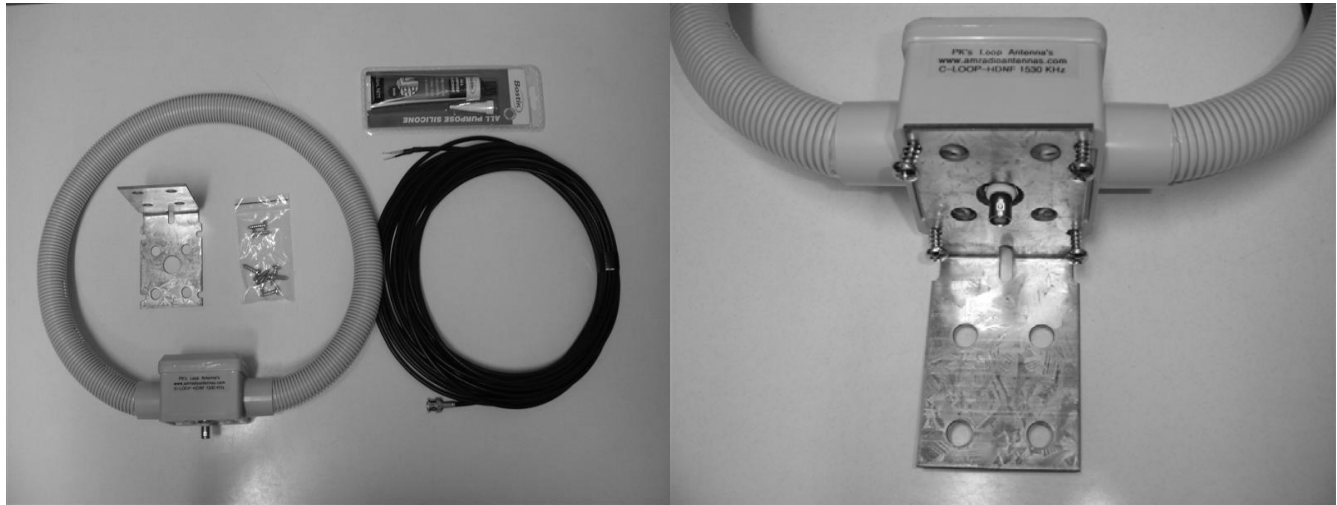


# PK's Loop Antennas ABN 76 271 051 082

*Clear & Long Range AM Radio Reception Everywhere*

## Heavy Duty Shielded Magnetic Loop Antenna

CODE: C-LOOP-HDSMxxxx



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

### Description:

This is our Heavy Duty Shielded Magnetic Loop Antenna. It is an Outdoor Amplified Single Frequency / Single Station Loop Antenna designed specially for use with Receivers and Tuners that have "Loop" Terminals. It is ideal for Building installations and Cable Head End Receivers; if used with our unique RX splitter it can feed two or four Receivers from the one antenna feed, providing that the station frequencies are close, greatly simplifying the cable requirements and installation effort. This Antenna is also ideal for Regional Listeners on the Reception Fringe that require an outdoor antenna to receive a single favourite station.

### Specifications:

- Frequency coverage – A Single AM Station frequency chosen during manufacturing and printed on the label. This Antenna is not intended to cover the entire AM band; it is designed to help a single AM frequency and a narrow band segment around it. E.g. a Loop tuned to optimise 693 KHz will cover the range 650 KHz to 750 KHz at a reduced signal level.
- This Antenna has a 75 Ohm Impedance and should be used with RG-6 Quad Coaxial Cable
- Supplied with DC Power Injector (and for AUS/NZ customers a 240 Volt / 12 Volt DC Plug Pack)
- Dimensions - 36cm Diameter UV Stabilised PVC Antenna with 32mm Diameter tube.
- Weatherproofed and includes Mounting Bracket with screws.
- Optional Loop Coupler and RX Splitters are available.

### Mounting

This is an outdoor Antenna; its ideal height 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)

**Note:- If there is an interfering station, null it out with the broadside of the Loop.**

**Notes:** AM reception is subject to the effects of signal propagation, interference and the time of day. Sources of local and man made interference such as Electronic and Electrical Equipment can cause problems, careful placement of the antenna is necessary to obtain the best reception. Co-channel interference from other stations is minimized using the directional qualities of our Loop Antennas. **Be sure to thoroughly seal the BNC Plug and socket with Self amalgamating tape or Silicon Sealant.**

We manufacture many other models of Loop Antenna to suit different applications, if you are interested, please feel free to enquire and be sure to tell us about your intended use, so that we can help you make the best product choice.

Regards

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