

# PK's Loop Antennas ABN 76 271 051 082

*Clear & Long Range AM Radio Reception Everywhere*

## HD Series Broadcasters AM Monitoring Loop

CODE: C-LOOP-HDNF (Suffix options -2P Integrated AM Combiner or -FM Integrated FM Combiner)



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

### Description:

This is our Heavy Duty Broadcasters AM Monitoring Loop Antenna. It is an outdoor passive, tuned, Single Station Loop Antenna, which is ideal for building installations and Head-end Receivers. Using our optional RX splitters it can feed two or four Receivers from the one antenna feed, providing that the receive frequencies are close by.

### Specifications:

- Frequency coverage – A Single AM Station frequency chosen during manufacturing and printed on the label. This Antenna will not receive the entire AM band, it is designed for a single AM frequency and a narrow band segment around it, eg. A loop made and tuned for 693 KHz will cover the range 640 KHz to 740 KHz at a reduced but usable signal level.
- Antenna impedance is a nominal 75 Ohms, use RG-6Quad Shield or RG-11 coaxial cable with weatherproof compression connectors.
- Dimensions - 36cm Diameter UV Stabilised PVC Antenna with reinforced 32mm Diameter tube.
- Weatherproofed and is supplied with a Marine Grade aluminium L-mount bracket.
- Our products are proudly designed and manufactured in Australia.
- Optional External or Integrated AM Loop and AM/FM Combiners available

**Installation:** AM reception is subject to the effects of signal propagation, interference and the time of day, careful placement of this antenna is necessary to obtain the best reception. It should be situated well away from potential sources of interference such as Electronic and Electrical Equipment.

**Pole mount the Loop at least 1 Metre above any metal roof structure. If there are other Loops in the vicinity, then space them at-least 1 metre apart. (Multiple Loops can share the same pole, simply space them vertically 1 metre or more apart)**

Maximum signal is received when the Loop Antenna is rotated to face edge-on to the direction of the transmitter. Minimum Signal or "Antenna Null" occurs with the Loop face-on ( broadside ), so if there are local or co-channel interference issues, then point or direct the broadside of the antenna to minimise them.

**Note:** Once the antenna is installed and cable connected, seal the outside of the BNC Plug and socket with Self-Amalgamating tape or Silicon Weather Sealant. Use cable ties to secure the cable to the pole and its mount.

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