

PK's Loop Antennas ABN 76 271 051 082

Clear & Long Range AM Radio Reception Everywhere

HD Series AM Broadcasters Receive Loop Antennas

CODE: C-LOOP-HDyyyFxxxx (yyy = Options, Fxxxx = Frequency, see table below...)



Description: This is a compact outdoor, passive, tuned, single station Loop Antenna; designed for AM Radio monitoring where high reliability and reception of the highest quality AM signal is required.

Specifications and Ordering Options:

- Frequency coverage – A fixed single frequency chosen at order time, where Fxxxx can be from 0030 to 9999KHz
- Bandwidth nominally 10KHz @ 3dB
- Impedance nominally 75 Ohms with a standard F-Female connector.
- Dimensions – 14"/36cm Diameter weatherproof and UV Stabilised PVC Antenna with reinforced 32mm Diameter tube.
- Marine Grade Aluminium L-mount bracket.
- Our products are proudly designed and manufactured in Australia.

Ordering Options for C-LOOP-HDyyy:-

y1 = L - Larger size 40cm Loop , Standard size is 36cm

y1 = XL - Extra Large 50cm Loop.

y2 = N - Standard Narrow Bandwidth = 10KHz @3dB

y2 = B - Broad Bandwidth = 200KHz @3dB

y2 = W - Wideband Bandwidth = 500KHz @3dB

y3 = S - Electrostatic Shield

Part Number Suffixes:-

- -2P Integrated AM Combiner for connection to a second AM Loop
- -FM Integrated FM Combiner
- -50 Impedance 50 Ohms Nominal, 75 Ohms standard option (no suffix)
- -BNC Female BNC Connector, F-Female standard option (no suffix or -F)

Installation notes:

- As AM reception is subject to the effects of signal propagation, interference and the time of day, consideration must be made with siting and placement of this antenna to obtain the best possible reception.
- Pole mount the Loop at least 1 Metre above any metal roof structure. If there are other Loops in the vicinity, space them at-least 1 metre apart. (Multiple Loops can share same pole, 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.
- Once the antenna is installed; secure the cable with ties and seal the connector with Self-Amalgamating tape.

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