

Mini Dipole Antenna Model LDP Mounting Instructions



Scope Product ID: LDPBNC / LDPPRO (with BNC connector) or LDPSMA (with SMA connector)

Frequency: 458-459 UHF

Polarity: VERTICAL

Gain: 0 db

VSWR: 1.2 to 1

Dimensions: 130 x 310 x 45 (L x H x D)

Cable: 5.00 metres of LBC240

Connector: BNC OR SMA

Power: 35 WATTS

Impedance: 50 OHM

Mounting Bracket: Included

Ingress Protection: IP68

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For optimum, the dipole radiators must be positioned **vertically**, with the “E” symbol facing downwards towards the ground.

Avoid mounting the dipole on or near to any metal girders, pillars, or other metallic obstructions.

The dipole should preferably be mounted at a height which avoids potential snagging with any moveable objects that might be used in the vicinity e.g., ladders.

Ensure that the bracket is firmly bolted to solid surface and that the feeder cable is adequately clamped along its entire run between the dipole and the transmitter/receiver.

Feeder cable should be adequately clamped along the entire run. DO NOT COIL EXCESS CABLE.

For propagation throughout a large multi-storey building, the best coverage is often achieved by either mounting the aerial in a riser or mounting it outside the building at half the building height.

Where penetration of buildings is required as opposed to maximum range, increasing the aerial height could be counterproductive. In these circumstances, lowering the aerial may be the best solution, assisting signal penetration through windows and doors etc.

UHF signals do not travel well over hills, but they will bounce off obstructions and in many cases the signal will be received by reflection rather than by direct path.

Watch out for hazards to transmission: Foil backed plasterboard; metal clad building.

