

Installation Instructions

Log Periodic Antenna LPDA7040-11-0.3NF



Thank you for purchasing this RFI log periodic antenna. It is a high gain multiband directional antenna covering all international cellular, mobile and wireless bands. It is designed to provide extra signal strength and hence enhance your wireless coverage.



CONTENTS

Before assembling and installing your antenna, please check that the kit includes all the following components.

- 1 x LPDA with 0.3 metres cable terminated with N Type female connector
- 1 x Antenna L bracket
- 2 x Mounting plates
- 2 x M6 U-bolts (including: 4 x M6 Nuts, 4 x Flat washers & 4 x Spring washers)

INSTALLATION

IMPORTANT: For maximum signal, we recommend external mounting to reduce signal losses caused by building structures etc.

1. Mount the L bracket to the back of the antenna. If using a single antenna, we recommend the antenna be mounted vertically (see image 1 below). However, if mounting two LPDA's to achieve a MIMO effect, we recommend the antennas be mounted in a +45° and -45° arrangement.
2. Place the antenna in your selected mounting location by using the U-bolts and mounting plates. Point the antenna in the direction of your nearest base station and tighten the nuts.

NOTE: When installing, make sure the that the drain hole on the bottom of the radome is facing down to allow condensation to drain.

3. Now you can connect the coaxial cable with N Type male connector (not included) to the N Type female connector on the antenna fly lead. We recommend you tape the N Type connectors to ensure they are waterproof and apply appropriate strain relief to the cable.

Please check the following on the completion of the installation:

- Ensure all cable connections are tight and waterproof.
- Ensure all nuts are tight.
- Ensure the cable between the antenna and the device has been routed in a safe manner and is not a future hazard around the home or workplace.

Image 1

