

4-Element Dipole Array Antenna

BEFORE ASSEMBLING AND MOUNTING

Utmost care has to be taken while choosing the installation location of the antenna. Be sure to look for surrounding buildings and electric power lines. Prepare all parts ready prior to installation. Follow the safety precautions carefully to prevent electric shock accidents. Assemble the antenna and bracket on the ground before installing it at the chosen location to avoid the rotation of the antenna with the wind load.

1/4λ, L=160±10mm	H-plane,GAIN 9.1dBi
3/8λ, L=245±10mm	H-plane,GAIN 8.5dBi
1/2λ, L=290±10mm (Spacing from Tower)	H-plane,GAIN 9.1dBi

INSTALLATION SKETCH

SAFETY PRECAUTIONS!

Safety devices and appropriate PPE for tower climbing and rigging activities must be well grounded for lightening protection. Make sure that transmit power is turned off when the installation is performed. Failure to comply may result in serious injury.

Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder. To prevent electric shock accidents, install the antenna far from power, telephone and high voltage lines.

Lamatel disclaims any liability or responsibility for the results of improper or unsafe installation practices.

