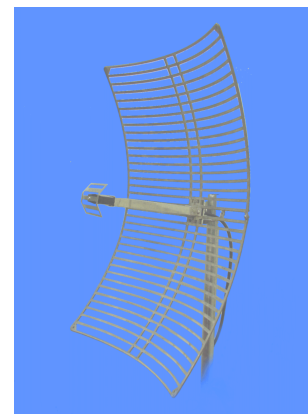


# Product Specifications

## 2.3 – 2.7 GHz Band/Wireless LAN Antennas

### Model 25T-2127 24 dB Magnesium Alloy Grid Antenna

Designed to provide maximum link performance in a small form factor, the 25T-2127 provides high gain and superior lobe shaping. This antenna has been specifically optimized to provide superior performance in the 2.3, 2.4 and 2.5-2.7 GHz Bands. The antenna is an excellent choice for multi-point subscriber systems or short to medium haul point-to-point wireless data or LAN installations. It is made of magnesium alloy to wear well in all weather conditions. It may be installed in either vertical or horizontal polarization.



#### Electrical Specifications

##### Antenna Model Number      25T-2127

Frequency Range	2100MHz-2700MHz
Gain	24dBi $\pm 1$
Polarization isolation	>24 dB
Side lobe suppression	>16 dB
-3 dB beamwidth	9° $\pm 2^\circ$ H Pole / 6° $\pm 2^\circ$ V Pole
-10 dB beamwidth	18° $\pm 2^\circ$ H Pole / 11° $\pm 2^\circ$ V Pole
Front/back ratio	>30dB (Boresight)
Impedance	50ohms
VSWR typical	1.6:1

#### Features

- **Low profile design**
- **Superior gain and directivity**
- **High F to B Ratio**
- **Lightweight**

#### Benefits

- **Aesthetic Appeal**
- **Fast Installation**
- **Unlimited Adjustability**
- **Improved Path Reliability**

#### Mechanical Specifications

##### Antenna Model Number

##### 25T-2127

Pigtail extension	24" RG8 (0.61m)
Output connector	"N" type male/female
Standard mounting	1–2" (25–51mm) O.D. pipe
Vertical tilt	0–60degrees
Operational wind load	75 mph, 25 lb (11.34 kg)
Survivable wind load	140 mph, 77.9 lb (35.33 kg)
Reflector type	Parabolic grid
Reflector material	Cast magnesium alloy
Dimensions	16"x20"x15"(406mmx510mmx380mm)
Weight – Antenna	4.6lb. (2.07kg)
Weight – Standard mount	.09lb. (.041kg)

#### Ordering Information

25T-2127 24 dB Grid Antenna

#### Azimuth Pattern

