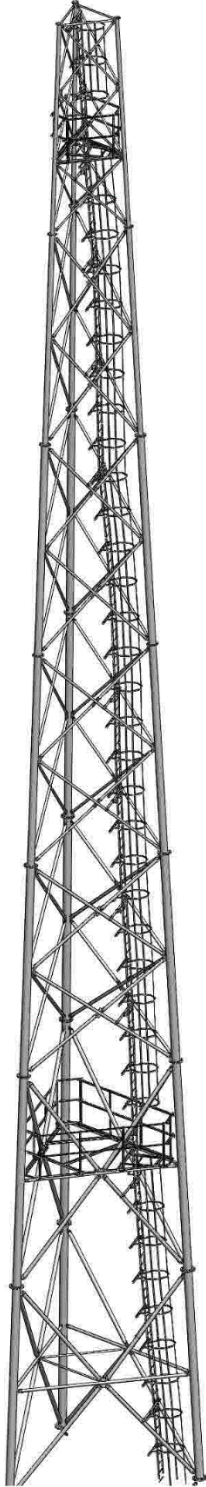


## PRODUCT SPECIFICATION

PRODUCT NAME : TA3-T1-03

CATEGORY : Lattice Towers



## TA3-T1-03 (54 m)

---

A triangular self-supporting tower specifically designed for open terrain topography. The tower uses tube sections and is a straight taper design. All members are bolted, and manufactured using the most efficient lengths. Ease of assembly, low drag coefficient and efficient price are the main advantages of this tower.

This tower complies with international design standards (TIA222H).

### Features

---

- All elements bolted for ease of assembly and installation
- Fully hot-dip galvanized
- S355 steel
- Standard bolts sizes (Grade 8.8)
- TIA-222-H standard
- Support for leg & face mount antennas

### Applications

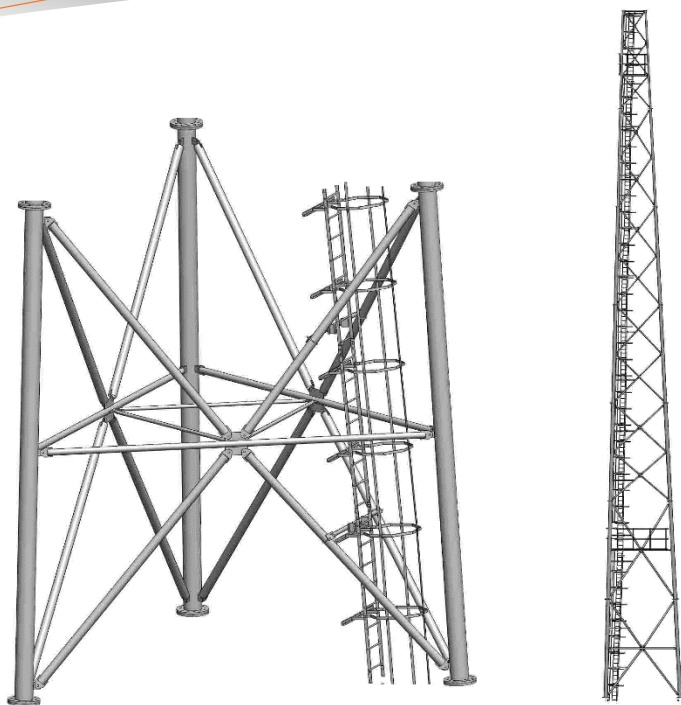
---

- Cellular

PRODUCT SPECIFICATION

PRODUCT NAME : TA3-T1-03

CATEGORY : Lattice Towers



Includes

- Ladder
- Lighting spike
- 1 x Platform
- Built-in cable tray
- Grounding + Foundation
- Assembly drawings
- HD bolts

Additional Options

- Fencing & security
- Fall arrest
- Anti-climbing solutions
- Mounting kits
- Antenna bracket kits

| TA3-T-03 TECHNICAL SPECIFICATION (TIA222H) |  |                |
|--|--|----------------|
| Tower Height                               | 54                                     | m              |
| Tower Type                                 | Lattice Tubular Taper                  | -              |
| Class of Structure                         | II                                     | -              |
| Max Wind Speed                             | 40                                     | m/s            |
| Designed For Period of                     | 50                                     | years          |
| Joint Type                                 | Bolted                                 | -              |
| Tower topography                           | Urban, Open Train (TIA Exposure B & C) | -              |
| Foundation Options                         | Concrete Raft/Pad - Column             | -              |
| Upgradable                                 | Yes                                    | -              |
| Platforms (Default Option)                 | 2                                      | -              |
| Design Standard                            | TIA-222H                               | -              |
| CAPACITY - TOPOGRAPHY - FORCES             |  |                |
| EPA *                                      | 18                                     | m <sup>2</sup> |
| Antenna Distribution                       | Even distribution over top 10          | -              |
| Max Topographic Height (Hill Height)       | 0                                      | m              |
| Foundation Max Down-Force (Un-factored)    | 669.7                                  | kN             |
| Foundation Max Uplift (Un-factored)        | 639.5                                  | kN             |
| Foundation Max Shear (Un-factored)         | 64.2                                   | kN             |
| Foundation Center Moment (Un-factored)     | 3244.3                                 | kN-m           |

\* EPA = Projected Antenna Area x Cf

