

## TA3-T1-01 (24 m)

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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

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- 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

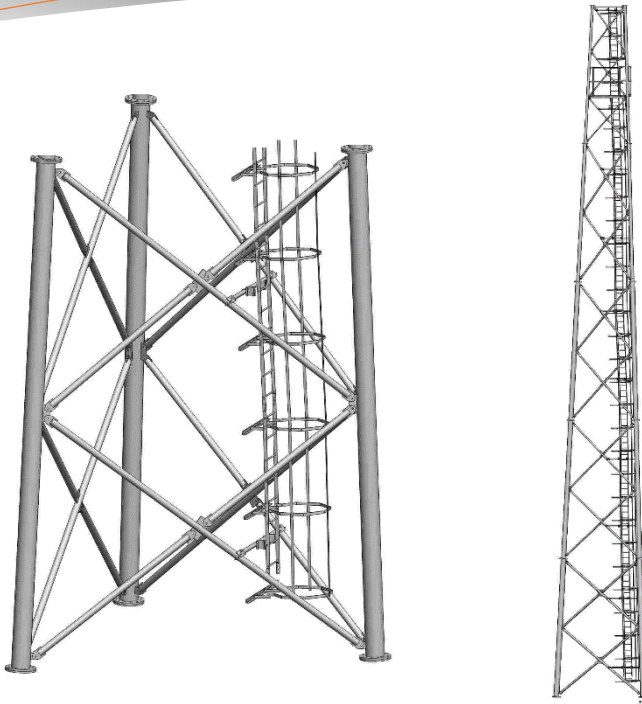
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PRODUCT SPECIFICATION

PRODUCT NAME : TA3-T1-01

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-01 TECHNICAL SPECIFICATION (TIA222H)		
Tower Height	24	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)	1	-
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)	275.2	kN
Foundation Max Uplift (Un-factored)	268.2	kN
Foundation Max Shear (Un-factored)	47.1	kN
Foundation Center Moment (Un-factored)	758.7	kN-m

\* EPA = Projected Antenna Area x Cf

