

PB4-A1 Range (Parabolic 4 Leg Angular Tower)

PB4-A1 is a square self-supporting tower and depending on the specific site topography can be used in Urban, Suburban, and open terrain areas. The tower uses angle sections and is a parabolic 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. Options are available for adapting this tower to other design requirements like category, topography, class etc.

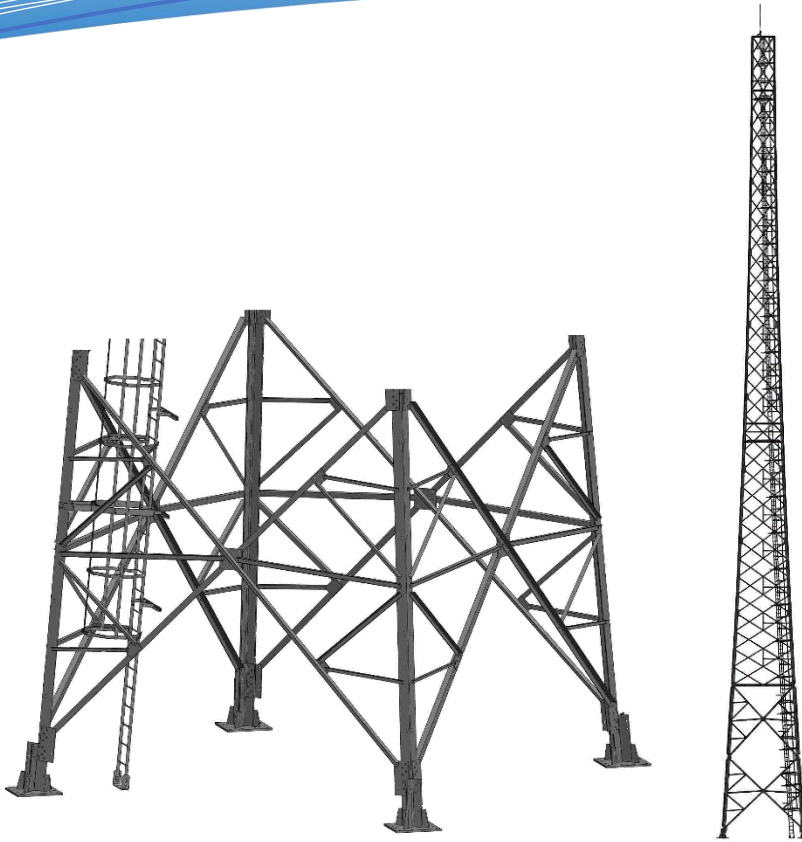
This tower complies with international design standards (TIA222H) and can be re-certified to other standards if required.

Features

- All elements bolted for ease of assembly and installation
- Available in standard and heavy models
- Fully hot-dip galvanized
- S355 Steel
- Standard bolts sizes (Grade 8.8)
- TIA-222H Standard
- Optimized for weight for per-case EPA*
- Fencing & security options available
- Support for leg & face mount antennas
- Options available for design adaptation to special wind & ice conditions

Applications

- Cellular & PCS systems
- Surveillance & monitoring support
- Stadium lights



Includes

- Ladder
- Lighting spike
- Platforms
- Built-in cable tray
- Grounding + Foundation
- Assembly drawings

Additional Options

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

GENERIC SPECIFICATIONS		
Tower Height Range	10 to 120	m
Tower Type	Lattice Angular Parabolic	-
Class of Structure	II	-
Basic Wind Speed (TIA)	40 **	m/s
Designed For Period of	50	years
Joint Type	Bolted	-
Tower topography	Urban – Suburban - Open Train (TIA Exposure B & C)	-
Foundation Options	Concrete Raft/Pad - Column - Grillage	-
Platforms	Yes	-
Design Standard	TIA-222H	-
CAPACITY & TOPOGRAPHY		
EPA* Range	5 - 60	m ²
Topographic Factor	TIA-222H	-

* EPA = Projected Antenna Area x Cf

** Can be adjusted to medium and high wind speeds