SPACE TELEVISION

EXTEND YOUR WISP WI-FI COVERAGE

Go beyond with our Wireless Internet Service Provider (WISP) WiFi Three Segment Tower.

Three Segment WISP Towers

Three-segment WISP towers can be easily installed to required heights by utilising additional straight segments (to a maximum height of 12.24m). These towers are ideal for a variety of mountings, either, field mounted, wall or bulkhead mounted. Constructed from 18-gauge, galvanized steel makes our WISP towers ideal for WiFi or TV antenna mounting.

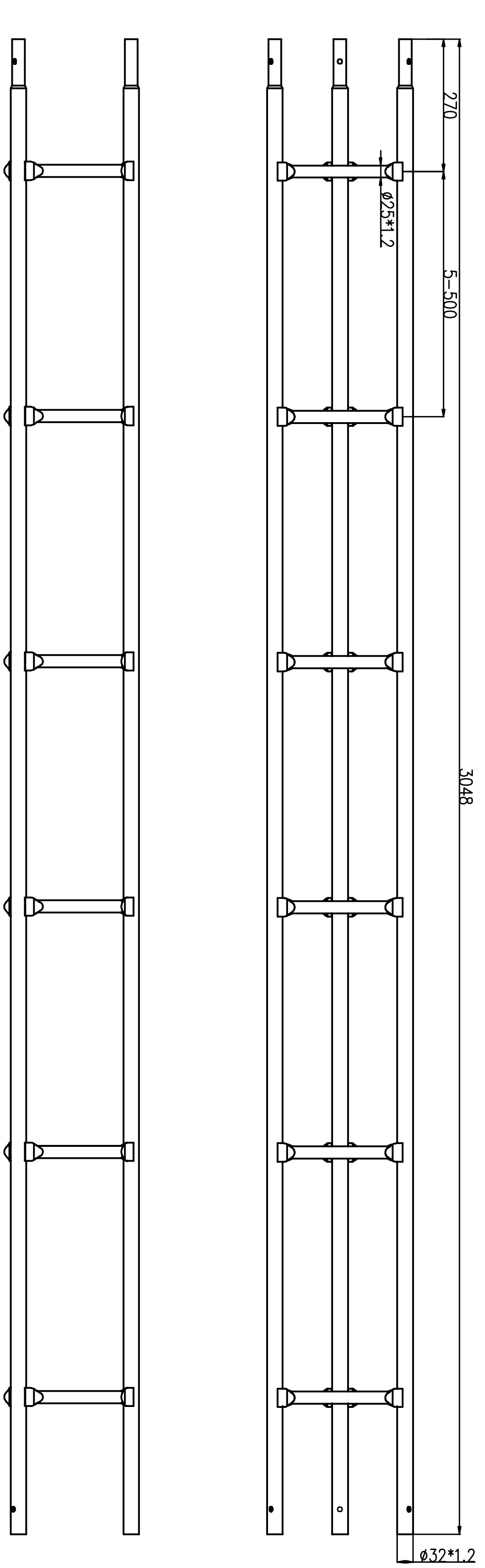
Specifications

Wind load surface area	0.32 m^2
Wind Loading	47.93 kg
Max. weight that can be mounted to the mast	12 kg Vertical top mount
Max. Heights as recommended	each section: 3.048m build up to: 12.24 m
Material Thickness	1.2 mm (18-Gauge)
Material	Pre-galvanised tube
Weight of top section	11.4 kg
Weight of straight section	11.5 kg

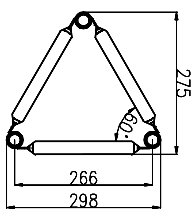
STTB
Triangular Base to securely ground-mount tubular Wi-Fi tower segments

STST
Straight tubular segment attaches between Base Plate and top segment

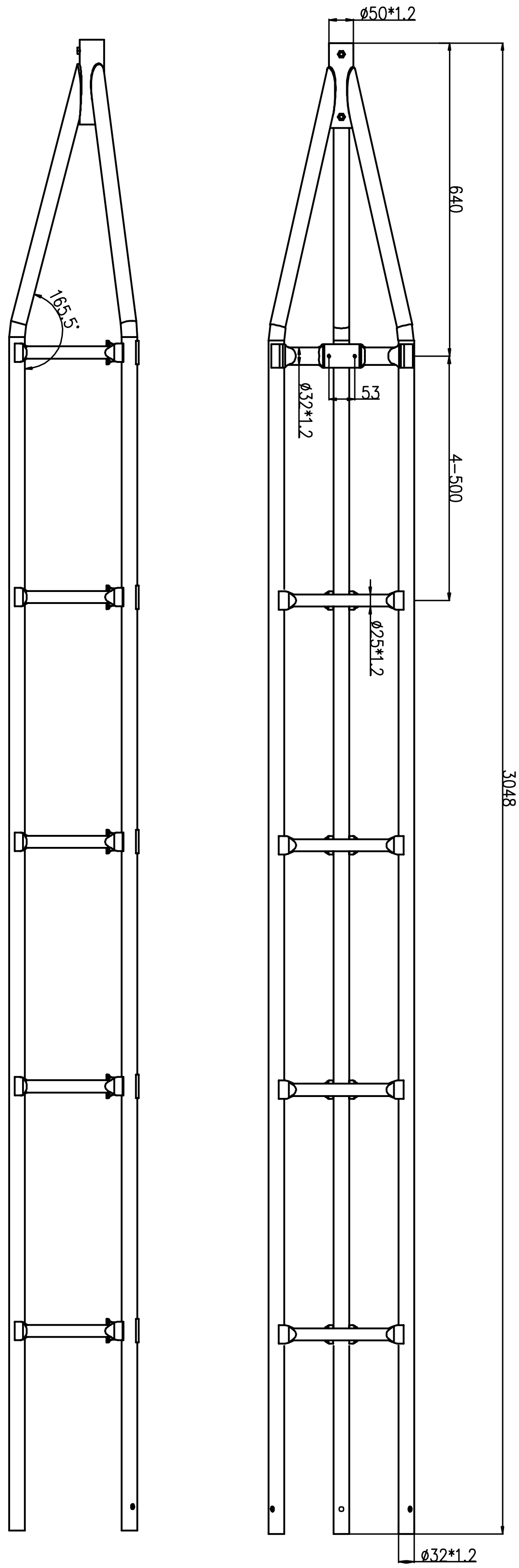
STT
Top tubular segment for attaching Pop-up Telescopic Masts



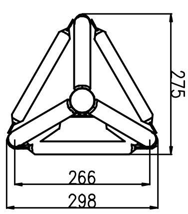
STST



Straight tubular segment attaches between Base Plate and top segment



STT



Top tubular segment for attaching Telescopic Pop-up Masts

WISP Tower installation:

CHECK TOWER SECTIONS:

Check all tower sections on delivery to make sure there are no broken welds or bent braces or legs. Braces can usually be straightened, but if legs are severely bent the section should be replaced. Make a damage claim against the transport company. Do not use damaged sections.

WISP Towers are designed and built to stand up for years against severe wind and ice conditions. Although all towers are carefully made and inspected before they leave our factory, they are not guaranteed against failure due to shipping damage, over-loading or improper installation. Please read instructions.

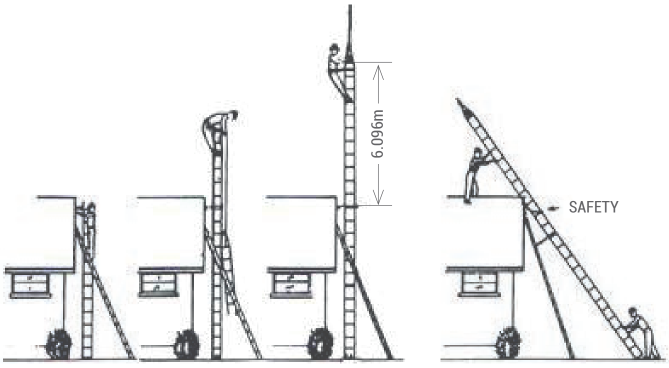


FIG. 1 FIG. 2 FIG. 3 FIG. 4

METHOD ONE:

Best used when only ONE PERSON is doing the installation.

1 Bolt two sections together, attach GNBS Base Plate to bottom of tower and attach House Bracket GNHUB or GNHB to tower in approximately the right position.
2 Push tower up to the house and screw 3/8" lag bolts (not supplied) through house bracket into house. Reinforcing the area may be necessary if house construction there is weak.
3 Make sure tower is vertical with a level and then drive 3 DMBS base stubs into the ground through the 3 holes in base plate.
4 The installer wearing proper safety equipment, climbs the tower and pulls the next sections up using a rope and hook as in Fig. 2, and fits the sections together. Tighten leg bolts securely.

LOAD LIMITS:

Designed to support equipment up to 3 ft2 (0.28m2) projected wind area, mounted not more than 2 sections (19ft.) above house bracket. 25kg vertical way mounted on top.

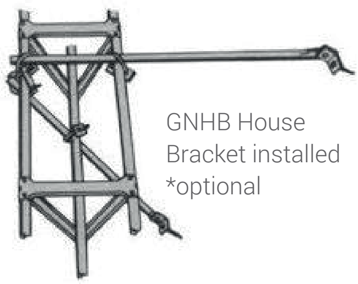
SERVICING:

- Tower must be properly maintained and in good condition with no structural defects or deterioration to it's members capacities.
- The mounted apparatus must adhere to the load limits as stated.
- During the time of servicing the must be no ice on the structure and wind speeds must not exceed 15km/h.
- The climber and all their equipment must not weigh more than 140kg's and must be trained in basic fall protection and proper climbing techniques.
- Our towers are double welded on horizontal supports offering added strength for climbing.

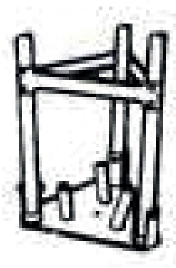
METHOD TWO:

Installation requires AT LEAST TWO PEOPLE, see Fig. 4.

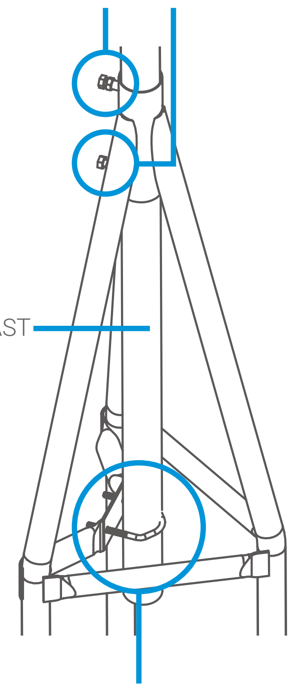
1 The tower is assembled completely on the ground and then the top of the tower is raised to the roof where the antenna and mast are installed.
2. The tower is then raised to its vertical position and the house bracket screwed into the house with two lag screws.
3. A safety bolt or strap should be looped around tower until house bracket is secured.



GNHB House Bracket installed *optional



STTB Base Plate with Base Stubs driven into the ground through 3 holes.



PLEASE NOTE: A qualified structural engineer should be consulted prior to mounting an antenna on a tower or support structure.
WARNING: Installation of this product near power lines is dangerous. For your safety, follow the installation directions. See safety instructions.