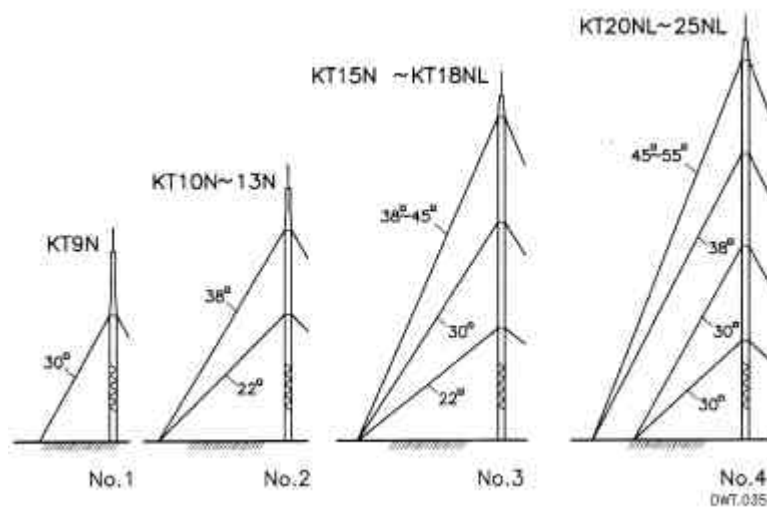


KT-N Series

Guy-Supporting Towers 20~60m

Easy Construction and Lowest Cost, Fit for Tall Height Applicable for Large Antennas

This KT-N series of guy-supporting tower are lightweight having strong intense ideal for heights ranging from 20m (KT9N) ~ 60m (KT25NL). Compared to self-supporting towers, guy-supporting towers permit greater loads at the top but require less materials, and construction cost are accordingly lower. Because the joint method for each section is bolt-fastening structure, and so sudden large loads are absorbed by the entire tower. Each section of towers measures 2.44m long and is triangular in cross section with 40cm face and 41cm in the top section and 60cm in the lower section. As shown concrete chart, above KT18NL(44m/h) models the type that foundation section is not buried down under the ground, but fitted on tower base plate, total length of tower (2.44m x number of total layers of guys for the sections) is figured out the tower height above the ground. The top section is specially structured so that the antenna support tubing (up to 61mm O.D. as a standard item) can be mounted. There is a variety of optional components available for various constructional requirements. The parts for guying are an optional.



Model No.	Height above the Ground/ Overall Length (m)	Allowable Load m ² 45m/s	No. of Layers of Guys	Concrete m ³	Weight kg
KT9N	20.5/22.0	4.2	1	1.1	330
KT10N	22.9/24.4	5.3	1	1.1	390
KT11N	25.3/26.8	5.3	2	1.1	430
KT12N	27.8/29.3	5.3	2	1.1	470
KT13N	30.2/31.7	5.3	2	1.2	510
KT15N	35.1/36.6	6.6	3	1.2	600
KT17N	40/ 41.4	6.6	3	1.2	680
KT18NL	44.3	6.6	3	1.2	720
KT20NL	49.2	6.6	4	1.3	800
KT22NL	54.1	6.6	4	1.3	910
KT25NL	61.4	6.6	4	1.3	1,030

1. Model No. denotes the number of layers of guys, and 1 section consists of 2.44m long.
2. Lower section is buried down under the ground for the model KT17N and models below, and is 2m shorter than overall length of the tower while the lower section for the model KT18NL or models below are not buried into the ground, and the overall length of tower denote the height of tower above the ground.
3. KT18NL or the models above are structured with ladder-type section for easy ascending.
4. Allowable load denote the wind surface area of installed antenna received when wind speed is in 45m/s.
5. Grounding fixtures are optional for KT18NL or above models (Refer to accessories page for details)
6. Those parts such as grounding parts, ratchet wrench etc. are available as optional parts, and cost will be estimated approx. 30~40% of the price of tower unit.

KT-M Series

Guy-Supporting Type 4.9~20m

Small, Easy Construction, Suitable for Roof and Building Top

The KT-M series is designed and intended for multi-use purpose of construction for smaller antennas. Each tower section is 2.44m long and forms an equilateral triangle (41cm face) in cross section. Like the KT-x series, they are composed of channel rails, tubing braces and bolts. The top of the tower is specially designed so that the antenna support tube (up to 61mm O.D.) can be mounted. The structure and components for the lower sections are the same as those for the top section. There are a variety of optional components available for erecting the tower on the roof of a building. A base bracket (KB40 or KB401 for the case that anchor bolt are not nailed down) or wall brackets are available for erecting the tower on top of the building or on the ground. A variety of other related optional parts such as grounding fixtures are also available.



KB401



Tower Top



KT6N



KT3M, Corner Type

Model No.	Overall Length m	No. of Layers of Guy (Wind Load) · m ²	Weight kg
KT2M	4.87	1 (3.6)	51
KT3M	7.30	1 (3.6)	75
KT4M	9.80	1 (3.6)	100
KT5M	12.20	1 (3.6)	130
KT6M	14.60	1 (3.6)	160
KT7M	17.30	2 (3.6)	190
KT8M	19.50	2 (3.6)	220

1. Model No. denote quantity of section, and 1 section consists of 2.44m long.
2. See the accessories page for the details of mounting brackets, fixtures.
3. The method for fitting the tower and guy is U-bolt (supplied standard)
4. Spanner wrench, fitting bolt for jin-pole are supplied standard.