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Lightweight Mast 7.6m



The 7.6m Lightweight mast is the correct choice when a free standing mast is required and the antenna load will fall within the suggested limits. As there is only a 2 pulley tiltover system of mast operation, an excess load can be applied to the cable if the head load is too great.

This mast is intended for installation in the grounds of a bungalow or similar where overall height is either a constraint or not needed.

It is fine for lightweight VHF and / or HF antennas.

The 9.2m mast is built similarly to the 7.6m model but due to it having a 4 pulley system of operation, it is capable of lifting a slightly heavier load of antennas. With it being 1.6m taller it gives more scope for VHF operation and extra elevation of the antennas.

MATERIAL

Outer Mast and ground post	70 x 70 x 3.6 mm RHS
Inner Mast	60.3 OD CHS
Ground socket	1mm sheet folded
Rotator housing	Not supplied as standard

CONSTRUCTION AND FINISH

Welded using MIG process.
Galvanised to ISO 1461.

SPECIFICATIONS

Ground post length	1.9m (1.4m above ground)
Outer mast length	3.8m
Inner mast length	4.4m
Mast tilted over	1.4m
Mast vertical lowered	4.4m
Mast vertical raised	7.6m

HEAD LOAD CAPACITY

Normal	18kg
Maximum	25kg

e.g.: A compact H.F. tribander and 2m co-linear.

Guying recommended when raised in windy conditions

WINCH

DL600

MOUNTING

In one metre square by half metre deep concrete, supplied by the user.

The ground socket is installed in the concrete, allowing easy ground post removal

STUB MAST

If the optional Rotator cage is supplied, the stub mast should not exceed 2m i.e., 1.5m above top of the cage.

When delivered, the mast is complete and ready to install. It is delivered in two packages.

For safety, the DL 800 Friction braked winch can be supplied as an option, at additional cost.

Shipping weight is 75kg

Amateur Radio Masts

[Adapt-A-Mast 7.6m](#)

[Adapt-A-Mast 10m](#)

[Lightweight Mast 7.6m](#)

[Lightweight Mast 9.2m](#)

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