

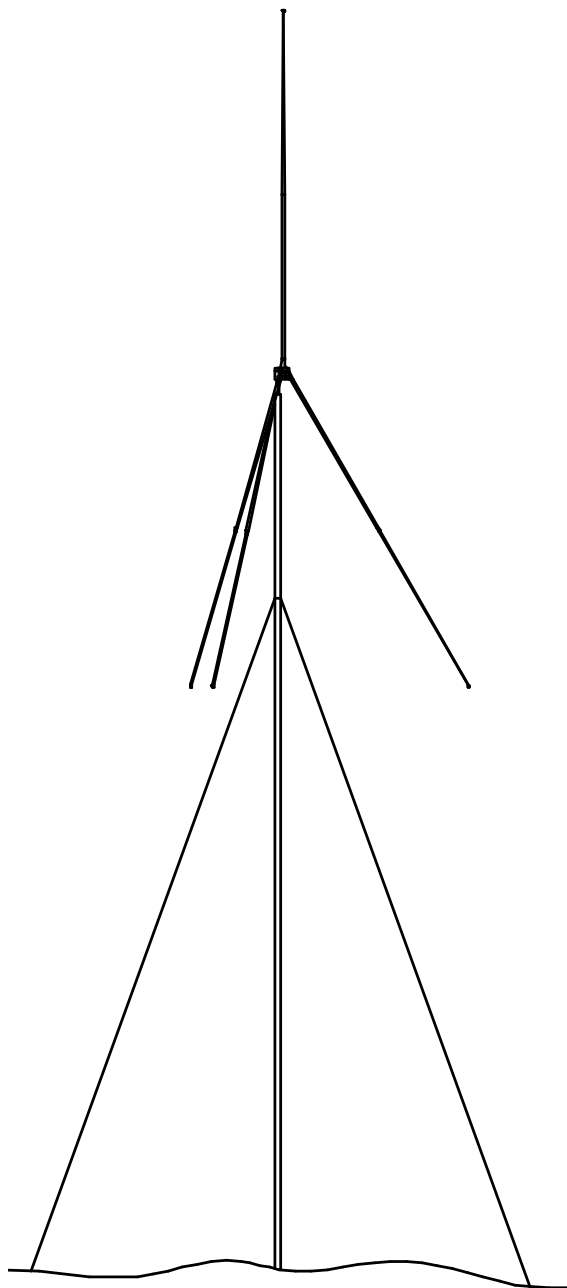
# COMROD AMX6

## Light, portable 6 m Sectional Antenna Mast

### Application:

AMX6 is an exceptionally light mast system for erection of lightweight antennas. It is specially developed for the COMROD VHF3076 Antenna. Carbon fibre reinforcement is used to obtain maximum stiffness at minimum weight. The mast sections and accessories are transported in a sturdy bag with shoulder strap. Standard accessories' assortment is designed for Nordic conditions with frozen ground. For other climatic conditions alternative guy pegs and hammers can be supplied.

The AMX6 system is easily carried and erected by one person.



### Specifications:

Mast sections:	5 pcs. 1.25 m each plus 0.1 ferrule. Diameter: 32 mm. Carbon/glass composite. Polyurethane lacquer, olive drab finish.
Top (standard):	Ø50 x 95 Aluminium ferrule.
Guy:	3 pcs, 3mm braided line on winder with adjustable lock and snap hooks each end.
Guy pegs:	3 pcs hot galvanized steel.
Carrying bag:	Strong PVC coated nylon. Separate pocket for accessories.
Base support:	Steel with hinge for easy erection
Top load:	Max. 5.0 kg
Moment of flexure:	Max. 40 kpm
Temperature range:	-55 0C, +55 0C; -67 0F, +131 0F

### Weight and measures:

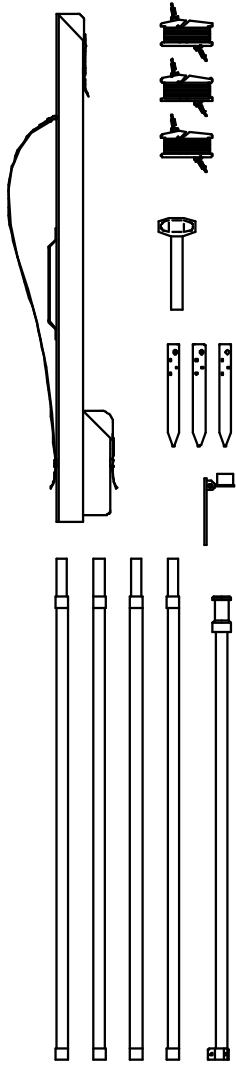
Length, erected:	6.25 m	
Total, weight standard version:	135 x 22 x 15 cm	7.0 kg
Mast sections:	4 sections 1.35 m	
Guy rope with winder:	3 pcs. 8 m line	0.4 kg
Guy pegs:	3 pcs. 30 cm	1.4 kg
Hammer:	1 pc.	1.0 kg
Base hinge:	1 pc.	0.4 kg
Carrying bag:	1 pc. 1.4 m	0.7kg

Nato codification complete mast

5985-25-131-2781

## AMX6 Mast system:

COMROD AMX6 mast system is designed for easy assembly and erection. Two soldiers handle the operation in matter of minutes. A special base hinge is supplied to keep the mast base secured during the erection procedure.



## Assembly:

Mast sections are put together. Guy ropes with winder/locking mechanism are fastened and laid out in correct position. Guy pegs and base hinge are secured into the ground. COMROD VHF3076 antenna is mounted on mast top with plane radials folded upwards.

## Erection:

The light weight mast and antenna are easily swung into a vertical position by one man. The ground plane radials of the antenna automatically fall into place. Guy ropes are fastened to the guy pegs and adjusted and secured by means of winder with locking mechanism.

