



# ELIT

## Freestanding mast Guardian 14m Ø80mm

Freestanding mast Guardian 14m Ø80mm 156km/h incl. stand and concrete weight

### Technical description

14.0 m long Guardian mast, of which 7.2 m is made of aluminium (Ø80mm), 5.0 m is made of stainless steel (Ø85mm), and 1.8 m of glass fibre reinforced plastic (Ø67mm GRP pipe), with stainless steel support for internal down conductor.

All connections are made of stainless steel (1.4301). The mast is prepared for internal placement of cable that is insulated inside the mast. The mast is designed for building heights under 40 m, and can withstand wind speeds up to 156 km/h.

Mast pressure load on the surface: 73 kg/m<sup>2</sup>. Tilt adjustment up to 5 degrees is possible. Mast weight: 36 kg. Stand weight: 75 kg. Weight of one concrete foundation pile: 69 kg. System weight including stand and concrete foundations: 714 kg. Footprint: 9.9 square metres.

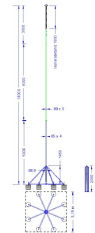
### Advantages:

Tailor-made mast for Guardian system

Inside cable placement in insulation

GRP pipe has low weight with high mechanical strength

GRP pipe has high resistance to corrosion



Product name/ Art.nr/ GTIN	ELIT GUARD-MAST-14M-Ø80MM/ 40150237/ 7070810040513
According to:	EN 62561, EN 62305
Length	14000 Millimetre
Diameter	85 - 67 Millimetre
Model	Interception rod with tripod
Material	Aluminium
Surface protection	Other
Connection	Round conductor
High-voltage-proof insulated model	Yes