



ELIT

Freestanding mast Guardian 5m Ø80mm

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Technical description

5.0 m long Guardian mast, of which 3.2 m is made of aluminium (Ø80mm) 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 below 40 m, and can withstand wind speeds up to 145 km/h.

Mast pressure load on the surface: 99 kg/m².

Tilt adjustment up to 5 degrees is possible.

Mast weight: 14 kg.

Stand weight: 10 kg.

Weight of one concrete foundation: 16 kg.

Weight of one concrete foundation pile: 48 kg.

System weight including stand and concrete foundations: 154 kg.

Footprint: 1.6 square metres.

Advantages:

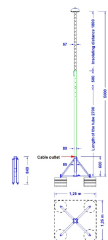
Tailor-made mast for Guardian lightning protection system

Inside cable placement in insulation

GRP pipe has low weight with high mechanical strength

GRP pipe has high resistance to corrosion

GPR = Glass Fiber Reinforced Plastic



Product name/ Art.nr/ GTIN	ELIT GUARD-MAST-5M-Ø80-SS-AL-RGF/ 40150119/ 7070810030927
According to:	EN 62561, EN 62305
Length	5000 Millimetre
Diameter	60 - 85 Millimetre
Model	Interception rod
Material	Stainless steel 304 (V2A)
Surface protection	Untreated
Connection	Round conductor