



ELIT

Freestanding mast Guardian 7m Ø80mm

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Technical description

7.0 m long Guardian mast, of which 5.2 m is made of aluminium (Ø80 mm) and 1.8 m of fibreglass reinforced plastic (Ø67 mm), with stainless steel mast 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: 58 kg/m². Tilt adjustment up to 5 degrees is possible. Mast weight: 22 kg. Stand weight: 24 kg. Weight of one concrete foundation pile: 53 kg. System weight including stand and concrete foundations: 253 kg. Footprint: 4.41 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-7M-Ø80-SS-AL-RGF/ 40150215/ 7070810038626
According to:	EN 62561, EN 62305
Length	7000 Millimetre
Diameter	80 - 67 Millimetre
Model	Interception rod with tripod
Material	Aluminium/stainless steel 304 (V2A)
Surface protection	Other
Connection	Round conductor
High-voltage-proof insulated model	Yes