

4G Rod Antenna

- 3 dBi gain**
 Vertical omnidirectional, 700-2600 MHz.
- L-bracket mount**
 Mast and pole mounting, outdoor use.
- FME connector**
 Direct connection to Aquatros and LTX modems.
- IP67 rugged**
 Hail- and wind-resistant up to 150 km/h, -40...+80 °C.

DESCRIPTION

The **4G Rod Antenna 280 mm** is a vertical monopole for outdoor installations with integrated L-bracket for wall or pole mounting. Rugged design with **3 dBi gain** and **IP67 rating** suits exposed locations like roof edges, radio masts, and field stations. FME connector enables direct link to Aquatros loggers and LTX modems.

280 mm rod length optimizes RF efficiency at mid-band frequencies. L-bracket with eyebolts provides simple, tool-free pole and mast attachment.

APPLICATIONS

- Weather stations and climatic monitoring sites
- Radio masts and rooftop installations
- Exposed field stations with long-distance range
- Redundant links and extended radio coverage
- Flood warning and level monitoring networks



KEY FEATURES

- **3 dBi Gain** · vertical optimized
- Rod length **280 mm** · outdoor variant
- **L-Bracket** · mast/pole mount
- **FME Connector** · direct link
- **IP67 · rugged** · outdoor use
- Operating temp -40...+80 °C
- Hail-safe · wind-rated to 150 km/h

Technical data

4G Rod Antenna 280 mm

PARAMETER	VALUE
Antenna Type	Monopole Rod · vertically radiating
Frequency Band	700–2600 MHz · LTE-M, NB-IoT
Gain	3 dBi · typ. at 900 MHz
Polarization	Vertical · omnidirectional
VSWR	<2:1
Impedance	50 Ω
Rod Length	280 mm · optimized for LTE-M / NB-IoT
Mounting	L-bracket · pole/mast with eyebolts
Connector	FME (Reverse Polarity)
Housing	Fiberglass-reinforced plastic
Rating	IP67 · dustproof · briefly submersible
Operating Temperature	–40... +80 °C
Wind Rating	up to 150 km/h · hail-safe
Compliance	CE (RED 2014/53/EU) · RoHS



700–2600 MHz

LTE-M, NB-IoT, 4G



FME connector

Direct connection to Aquatos and LTX



50 Ω · VSWR <2:1

Standard impedance, wideband-matched



Weatherproof

IP66/IP67 depending on model



CE · RED · RoHS

Radio Equipment 2014/53/EU



Made in Germany

Engineered & built in Bochum

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