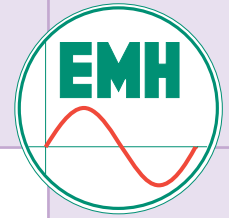


# Technical Specification



- ✓ Connectable to LZQJ meters
- ✓ For worldwide, high precision time synchronisation
- ✓ Simple connection
- ✓ Battery independent
- ✓ For outdoor mounting



## GPS-Antenna

for reception of GPS time and  
for connection to EMH meters

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## GPS-Antenna

for worldwide, high precision time synchronisation of LZQJ meters

<b>Supply</b>	Voltage Current	100...240 V AC 0.3 mA
<b>Frequency</b>		50 Hz, 60 Hz
<b>Data interfaces</b>	electrical data interface data protocol data format transmission rate	RS232 NMEA 0183 8N1 4800 baud
<b>Temperature range</b>	operating storage	-10°C...+60°C -20°C...+85°C
<b>Relative humidity</b>		5...95%, non-condensing
<b>Housing</b>	dimensions degree of protection weight	80 x 120 x 55 (W x H x D) mm IP 67 approx. 760 g (incl. cable and power supply)
<b>Connection</b>	connection-cross section cable length polarity	Li2YCYv 2 x 2 x 0,5 5 m (other length on request) brown: + 5 V white: GND green: data
<b>Mounting</b>	outdoor mounting direction	by use of a bracket non-directional, clear line of vision to the sky necessary, do not install near radio transmitters and other high frequency interference fields

Product specifications are subject to change without notice.

The **global positioning system (GPS)** is a satellite based navigation system for worldwide location determination. With the transfer of data for location determination, the GPS system time is also transmitted which is used for synchronisation of the time in the meter.

The **GPS system time** is a linear time scale which, with the startup of the satellite system in 1980, was synchronised with the international time scale UTC.

Every second the **GPS antenna** transfers the GPMRC data record which is constantly evaluated by the meter. After receiving two successful data records, the meter reads the GPS time stamp. Following a successful satellite positioning, the date and time are accepted.

### Dimensions:

