

Holosys Active Antenna 868AA0



- Active antenna for Wireless M-Bus Receiver WR
- Provides safe reception in low signal strength scenarios
- Embedded Low Noise Amplifier (LNA)
- Omnidirectional receiving pattern
- Suitable for fixed wireless networks for remote automatic meter reading (AMR fixed networks)

Holosys Active Antenna 868AA0 is designed for use in M2M 868MHz ISM band systems. It is specifically designed to work in urban environments. It has great immunity from near GSM base stations signals and other similar sources. Additional external supply is not necessary when used with Holosys Wireless M-Bus Receiver WR.

TECHNICAL CHARACTERISTICS

Frequency range	868.0 MHz ... 870 MHz
Polarization	Vertical
Directionality	Omnidirectional in horizontal plane
Gain	> 12 dBi
Characteristic impedance	50 Ω
Connection type on the antenna	SMA female
Connection type on the cable variant	SMA male
Housing	Material: Thermoplastic Dimension (w x h x l) : \varnothing 50 x 200 mm Color: Light gray Protection type: IP67 Mounting: Bolts on the mountable surface
Operating temperature range	-40°C ... +80°C
Weight without the cable and the antenna mount	90 g