



# Antenna

## W-ANT-2400-6dB-ROD-NF

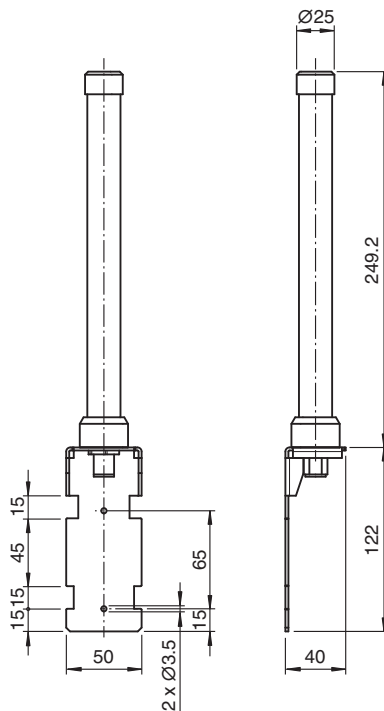
- Rod antenna
- For outdoor use

Rod antenna for 2.4 GHz band

### Function

The rod antenna is suitable for a frequency range from 2.4 GHz to 2.5 GHz. The antenna gain is 6 dBi. The antenna can be connected to the WirelessHART Gateway using preconfigured coaxial cables. For installation examples, see the manual of the WirelessHART Gateway.

### Dimensions



### Technical Data

#### General specifications

Frequency range	2.4 ... 2.5 GHz
Antenna gain	6 dBi
Polarization	vertical

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

Impedance	50 $\Omega$
<b>Nominal ratings</b>	
Beam angle (-3 dB)	360° horizontal, 30° vertical
<b>Ambient conditions</b>	
Operating temperature	-40 ... 80 °C (-40 ... 176 °F)
Storage temperature	-40 ... 80 °C (-40 ... 176 °F)
<b>Mechanical specifications</b>	
Connection type	N socket
Degree of protection	IP67
Material	fiberglass
Mass	300 g
Dimensions	$\varnothing$ 22 mm x 250 mm

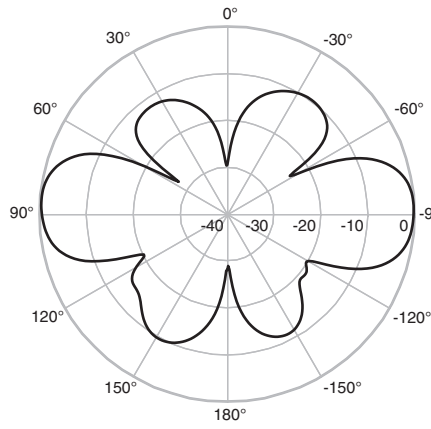
## Accessories

<b>W-ACC-CA-NM-NM-*</b>	Coaxial cable, N plug to N plug
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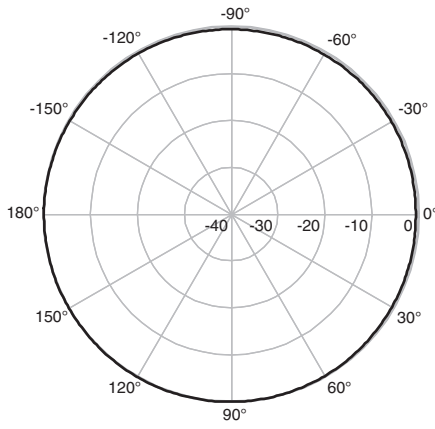
# Characteristic Curve

## Antenna Characteristics

vertical 2.4 GHz



horizontal 2.4 GHz



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