

# PSI-GSM/UMTS-QB-ANT

## UMTS antenna

## INTERFACE

Data sheet  
103606\_en\_00

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## 1 Description

The UMTS antenna PSI-GSM/UMTS-QB-ANT is designed for UMTS and GSM networks with 850 MHz, 900 MHz, 1800 MHz, 1900 MHz, and 2100 MHz.

### 1.1 Features

- Special flat design without protruding antenna parts
- No additional rod antennas required
- Can be mounted on all level surfaces
- When mounted, watertight design with two separate seals



Make sure you always use the latest documentation.  
It can be downloaded at [www.download.phoenixcontact.com](http://www.download.phoenixcontact.com).  
A conversion table is available on the Internet at  
[www.download.phoenixcontact.com/general/7000\\_en\\_00.pdf](http://www.download.phoenixcontact.com/general/7000_en_00.pdf).

## 2 Ordering data

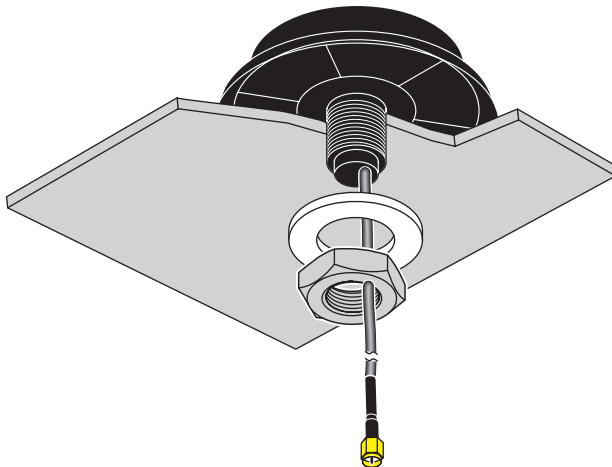
Description	Type	Order No.	Pcs./Pkt.
UMTS antenna, with omnidirectional characteristics	PSI-GSM/UMTS-QB-ANT	2313371	1

## 3 Technical data

GSM	
Frequency range	850/900/1800/1900/2100 MHz
VSWR	< 2.0, typical
Gain	1.0 dB, typical
Maximum power	≤ 10 W
General data	
Ambient temperature range	-40°C ... +105°C
Connection	2 m antenna cable with SMA circular connector
Dimensions	
Diameter	76 mm
Height	23 mm
Resistance to water	According to IPX9K

## 4 Installation

- Drill a hole with a diameter of 16.5 mm in the surface on which the antenna is to be mounted.
- Feed the antenna cable through the hole.
- Secure the antenna using the washer and nut provided.
- Connect the antenna cable.



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