

# PSI-GSM/UMTS-QB-ANT - Antenna

2313371

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GSM UMTS antenna, with omnidirectional characteristic, 2 m antenna cable with SMA round connector



## Commercial data

Item number	2313371
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNC4Z1
GTIN	4046356411066
Weight per piece (including packing)	96.5 g
Weight per piece (excluding packing)	94.7 g
Customs tariff number	85177100
Country of origin	DE

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## Technical data

### Product properties

Product type	Antenna
Radiation characteristics	Omnidirectional
Gain	5 dBi (800/900 MHz)
	3 dBi (1800/1900 MHz)
	1 dBi (2100 MHz)
Polarization	Linear vertical

### Electrical properties

Frequency band	2100 MHz
	850 MHz
	1900 MHz
	1800 MHz
	900 MHz
Frequency range	800 MHz ... 900 MHz
	1.8 GHz ... 1.9 GHz
	2.1 GHz
Impedance	50 $\Omega$
Maximum capacity	10.00 W
Voltage standing wave ratio VSWR in a 50 $\Omega$ system	< 2.00

### Connection data

Connection technology	
Connection method	SMA (male)

### Dimensions

Height	21 mm
Diameter	76 mm

### Material specifications

Material (Cable)	RG174 (Outer cable sheath)
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### Cable/line

Cable length	2.00 m
Connecting cable	yes
External cable diameter	2.70 mm
Smallest bending radius, fixed installation	15 mm

### Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP69K (Assembled)

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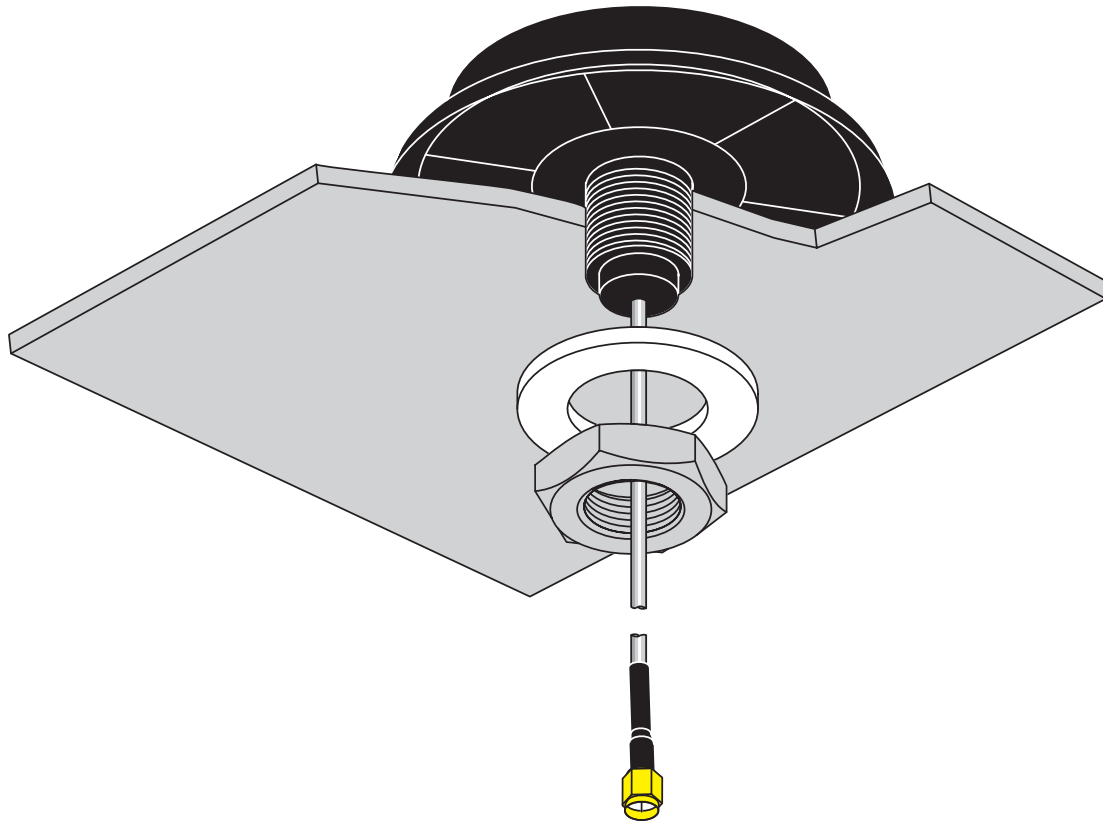
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Mounting

Mounting type	Control cabinet
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## Drawings

Schematic diagram



Mounting on the control cabinet

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## Classifications

### ECLASS

ECLASS-13.0

19070105

### ETIM

ETIM 9.0

EC001698

### UNSPSC

UNSPSC 21.0

43223100

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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