

PSI-GSM/UMTS-QB-ANT - Antenna



2313371

<https://www.phoenixcontact.com/us/products/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
Catalog page	Page 415 (C-6-2019)
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 Ω
Maximum capacity	10.00 W

Connection data

Connection technology

Connection method	SMA (male)
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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)
Ambient temperature (operation)	-40 °C ... 85 °C

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

Mounting type	Control cabinet
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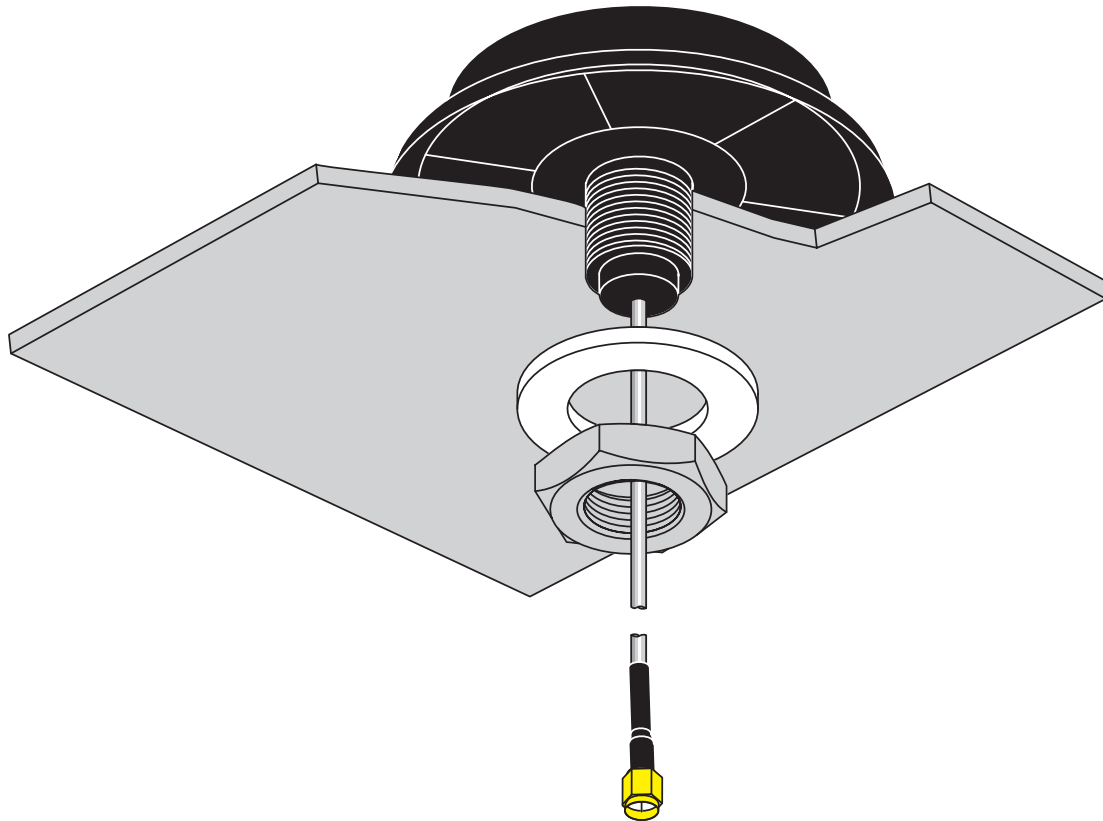
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Drawings

Schematic diagram



Mounting on the control cabinet

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Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698
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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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Accessories

NLC-COM-GSM - Communication module

2701344

<https://www.phoenixcontact.com/us/products/2701344>



GSM communication module. Allows SMS messaging to and from the Nanoline controller when connected to the GSM network.

PSI-CAB-GSM/UMTS-10M - Antenna cable

2900981

<https://www.phoenixcontact.com/us/products/2900981>



Cellular antenna cable, 10 m in length, SMA (male) -> SMA (female), 50 ohm impedance

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PSI-CAB-GSM/UMTS- 5M - Antenna cable

2900980

<https://www.phoenixcontact.com/us/products/2900980>

Cellular antenna cable, 5 m in length, SMA (male) -> SMA (female), 50 ohm impedance



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