

Antenna - TC ANT MOBILE WALL 5M - 2702273

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Multiband omnidirectional antenna for wall or mast mounting, 0.6 GHz ... 6 GHz, gain: 3 dBi ... 7 dBi, degree of protection: IP66, connection: SMA (male), incl. 5 m connecting cable, mounting bracket, and mast clamps

Your advantages

- ✓ Ideally suited for freely mobile or stationary applications in 2G/3G/4G/5G cellular networks
- ✓ Future-proof, thanks to the use of lead-free materials
- ✓ Including 5 m connection cable

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 070186
GTIN	4055626070186

Technical data

Dimensions

Caption	Wall mounting
Height	82 mm
Diameter	48 mm
Fixed cable length	5.00 m
External cable diameter	5.00 mm

Ambient conditions

Degree of protection	IP66
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

General

With connecting cable	yes
Frequency range	617 MHz ... 960 MHz

Antenna - TC ANT MOBILE WALL 5M - 2702273

Technical data

General

	1.7 GHz ... 6 GHz
Horizontal beamwidth	360 °
Vertical beamwidth	52 ° (850 MHz)
	39 ° (2.1 GHz)
	51 ° (3.5 GHz)
	39 ° (5.5 GHz)
Polarization	Linear vertical
Impedance	50 Ω
Gain	4 dBi (617 MHz ... 960 MHz)
	3 dBi (1,7 GHz ... 2,7 GHz)
	5 dBi (3,4 GHz ... 3,8 GHz)
	7 dBi (4,9 GHz ... 6,0 GHz)
Connection method	SMA (male)
Fixed cable length	5.00 m
Smallest bending radius, fixed installation	25 mm
Cable, attenuation	2.2 dB (400 MHz)
	4 dB (1 GHz)
	5.5 dB (2 GHz)
Material	ASA, Acrylic ester styrene-acrylonitrile (Radom)
	Aluminum (Base plate)
Mounting type	Wall mounting
	Mast mounting
External cable diameter	5.00 mm
Outer sheath, material	CS29 (Ultra-Low Loss)

Standards and Regulations

Other resistance	UV-resistant in accordance with UL746C, f1 Use in outdoor installations
------------------	---

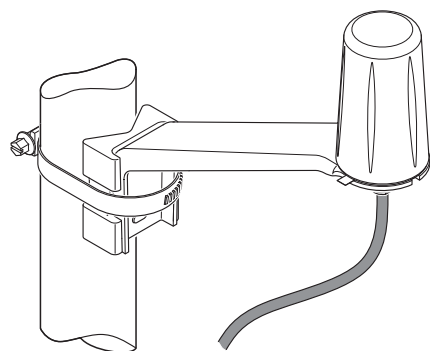
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

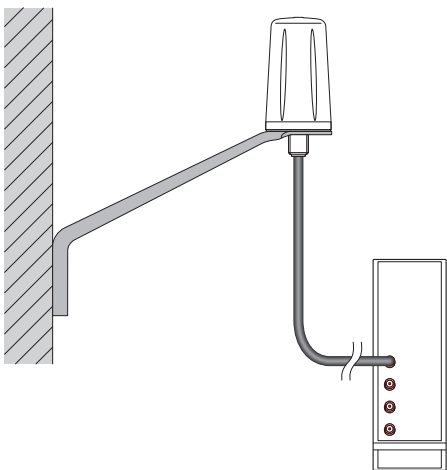
Antenna - TC ANT MOBILE WALL 5M - 2702273

Schematic diagram



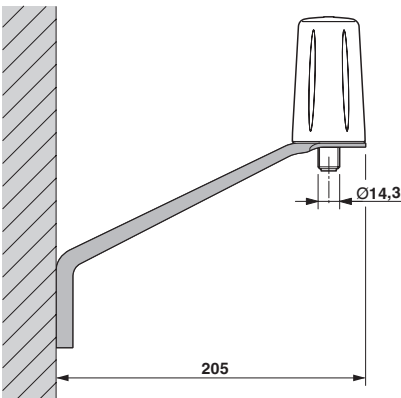
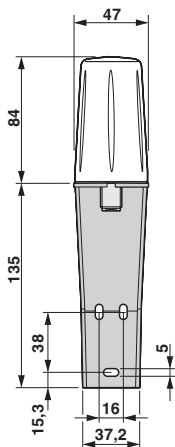
Mast mounting

Schematic diagram



Installation example

Dimensional drawing



Wall mounting

Classifications

eCl@ss

eCl@ss 10.0.1	19070105
eCl@ss 11.0	19070105
eCl@ss 5.0	19070100
eCl@ss 5.1	19070100
eCl@ss 6.0	19070100
eCl@ss 7.0	19070105
eCl@ss 9.0	19070105

Antenna - TC ANT MOBILE WALL 5M - 2702273

Classifications

ETIM

ETIM 6.0	EC001698
ETIM 7.0	EC001698

UNSPSC

UNSPSC 18.0	43221715
UNSPSC 19.0	43221715
UNSPSC 20.0	43221715
UNSPSC 21.0	43223100

Phoenix Contact 2022 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)