

AN-D01

Antenna 868/916 MHz

Data Sheet



Description

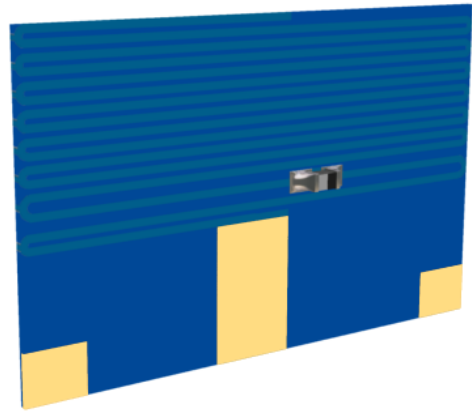
Antenna 868 MHz and 916 MHz for IQRF transceivers. Designed as a PCB meander line.

Features

- Optimized for IQRF platform
- Low cost

Applications

- IQRF transceiver series TR-7xD and TR-5xD
- 868 MHz band (EU and other countries) and 916 MHz (USA and other countries)



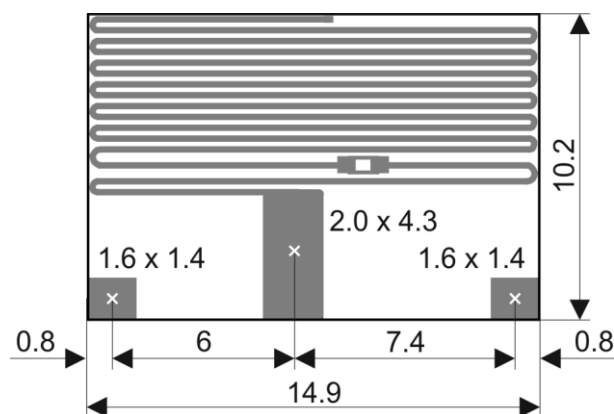
RF parameters

Frequency	868 MHz to 916 MHz
Gain	1.74 dBi
Input impedance	50 Ω
Max. power	0.1 W
Polarization	Vertical (when the antenna is mounted vertically)
Radiation patterns	Omnidirectional in horizontal plane (when the antenna is mounted vertically)

Mechanical parameters

Connection	Soldering
Dimensions	10.2 mm x 15.0 mm x 0.8 mm
Weight	0.1 g

Mechanical drawing



Units: mm

All parameters are for guidance only and should be considered as typical.

Product information

Ordering code

- AN-D01 Antenna 868 MHz and 916 MHz for TR-7xD and TR-5xD

Document history

- 170913 Declared for TR-7xD as well as TR-5xD.
- 150414 Mechanical drawing added.
- 120217 Declared for 868 MHz as well as 916 MHz.
- 110506 First release.

Sales and Service

Corporate office

IQRF Tech s.r.o., Prumyslova 1275, 506 01 Jicin, Czech Republic, EU

Tel: +420 493 538 125, Fax: +420 493 538 126, www.iqrf.tech

E-mail (commercial matters): sales@iqrf.org

Technology and development

www.iqrf.org

E-mail (technical matters): support@iqrf.org

Partners and distribution

www.iqrf.org/partners

Quality management

ISO 9001 : 2009 certified

Complies with directives 2011/65/EU (RoHS) and 2012/19/EU (WEEE).



Trademarks

The IQRF name and logo are registered trademarks of IQRF Tech s.r.o.

PIC, SPI, Microchip and all other trademarks mentioned herein are property of their respective owners.

Legal

All information contained in this publication is intended through suggestion only and may be superseded by updates without prior notice. No representation or warranty is given and no liability is assumed by IQRF Tech s.r.o. with respect to the accuracy or use of such information.

Without written permission, it is not allowed to copy or reproduce this information, even partially.

No licenses are conveyed, implicitly or otherwise, under any intellectual property rights.

The IQRF® products utilize several patents (CZ, EU, US).

On-line support: support@iqrf.org



Smarter Wireless. Simply.