

AN-01

Antenna

Data Sheet



Description

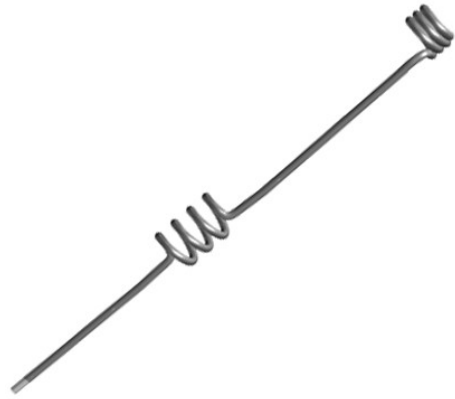
Antenna 868 MHz for IQRF devices. Designed as shortened $\frac{1}{4}$ wave whip.

Applications

- IQRF transceiver modules
- 868 MHz (EU and other countries)

Features

- Optimized for the IQRF platform
- Low cost



RF parameters

Frequency	
nominal	868.35 MHz
operating	868 \pm 2 MHz
Gain	1.2 dBi
Input impedance	50 Ω
Max. power	10 W
Polarization	Vertical

Mechanical parameters

Cover	lacquered
Terminal	tinned
Terminal diameter	0.7 mm
Connection	soldering
Dimensions (length x diameter)	60 mm x 5 mm
Weight	1 g

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

Ordering code

- AN-01 Antenna for 868 MHz

Document history

- 110427 Separate for AN-01 and 868 MHz only
- 090608 Revised (especially mechanical parameters)
- 100525 First release (for AN-01, AN-02 and AN-03)

Sales and Service

Corporate office

MICRORISC s.r.o., Delnicka 222, 506 01 Jicin, Czech Republic, EU
Tel: +420 493 538 125, Fax: +420 493 538 126, www.microrisc.com

Partners and distribution

Please visit www.iqrf.org/partners

Quality management

ISO 9001 : 2000 certified

*Complies with ETSI directives EN 30279 V.1.2.1:99, ETS 30683:97, ETSI EN 301489-1:00,
ETSI EN 300220-1:00, ETSI EN 300390-2V.1.1.1:00*

Complies with FCC directives FCC CFR, Title 47, Part 15, Section 15.209, FCC CFR, Title 47, Part 15, Section 15.249

Complies with Directive 2002/95/EC (RoHS)



Trademarks

*The IQRF name and logo are registered trademarks of MICRORISC s.r.o.
PIC, SPI, Microchip, RFM 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All information contained in this publication is intended through suggestion only and may be superseded by updates without prior notice.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 MICRORISC 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: <http://iq-esupport.com>
