

# **AN-05**

**Antenna**

## **Data Sheet**



**Simple way to smarter wireless solutions**

**Description**

Antenna 868 MHz or 916 MHz for IQRF devices. Designed as  $\frac{1}{4}$  wave whip with SMA connector.

**Applications**

- IQRF transceiver modules
- 868 MHz (EU), 916 MHz (USA)

**Features**

- Optimized for the IQRF platform
- Low cost

**RF parameters**

Frequency	868 to 916 MHz
Gain	2.15 dBi
Input impedance	50 $\Omega$
Max. power	10 W

**Mechanical parameters**

Cover	PVC, black
Terminal	SMA
Dimensions (length x diameter)	11 mm x 100 mm
Weight	9 g

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

**Ordering code**

- AN-05                      Antenna for 868 MHz as well as 916 MHz

**Recommended options**

- CAB-U.FL/SMA-100      Antenna cable with SMA and U.FL connectors, for TR module, 100 cm
- CAB-U.FL/SMA-15      Antenna cable with SMA and U.FL connectors, for TR module, 15 cm

**Document history**

- 100117                      First release

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# Sales and Service

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## 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](http://www.microrisc.com)

## Partners and distribution

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## Quality management

*ISO 9001 : 2000 certified*

*Complies with Directive 2002/95/EC (RoHS)*



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<b>E-mail</b>	<b><a href="mailto:sales@iqrf.org">sales@iqrf.org</a></b>
<b>On-line support</b>	<b><a href="http://iq-esupport.com">http://iq-esupport.com</a></b>



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