

AN-07

Antenna

Data Sheet



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

- SMA connector
- Small size, low cost



RF parameters

Frequency	868 to 916 MHz
Gain	1.9 dBi
Input impedance	50 Ω
Max. power	10 W

Mechanical parameters

Cover	PVC, grey-black
Terminal	SMA
Dimensions (length x diameter)	27,5 mm x 9,5 mm
Weight	5 g

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

Ordering code

- AN-07 Antenna for 868 MHz as well as 916 MHz

Recommended options

- CAB-U.FL/SMA-5 Antenna cable with SMA and U.FL connectors, for TR module, 5 cm
- CAB-U.FL/SMA-15 Antenna cable with SMA and U.FL connectors, for TR module, 15 cm
- CAB-U.FL/SMA-100 Antenna cable with SMA and U.FL connectors, for TR module, 100 cm

Document history

- 100525 First release

Sales and Service

Corporate office

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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)



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