

AN-07

Antenna

Data Sheet



Description

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

Applications

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

Features

- SMA connector
- Small size



RF parameters

Typical values

Frequency	868 to 916 MHz
Gain	2.15 dBi
Input impedance	50 Ω
V.S.W.R	1.5 min.
Max. power	10 W
Polarization	Vertical
Radiation pattern	Circular

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-05 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-50 Antenna cable with SMA and U.FL connectors, for TR module, 50 cm

Document history

- 131115 Parameters slightly precised
- 100525 First release

Sales and Service

Corporate office

MICRORISC s.r.o., Prumyslova 1275, 506 01 Jicin, Czech Republic, EU
Tel: +420 493 538 125, Fax: +420 493 538 126, www.microrisc.com

Partners and distribution

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