

AN-11

Antenna

Datasheet



Description

Antenna 868 MHz for IQRF transceivers TR-7xD.
Designed as shortened $\frac{1}{4}$ wave whip.

Features

- Optimized for IQRF platform
- Low cost

Applications

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



RF parameters

Frequency	
Nominal	868.35 MHz
Operating	868 \pm 2 MHz
Gain	4.35 dBi
Input impedance	50 Ω
Max. power	10 W
Polarization	Vertical (when the antenna is mounted vertically)
Radiation pattern	Omnidirectional in horizontal plane (when the antenna is mounted vertically)

Mechanical parameters

Cover	Lacquered
Terminal	Tinned, 3 mm length
Connection	Soldering
Dimensions	55 mm x 5 mm (length x diameter), wire diameter 0.7 mm
Weight	1 g

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

Product information

Ordering code

- AN-11 Antenna 868 MHz for TR-7xD

Document history

- 170831 First public release.
- 170224 Preliminary.

Sales and Service

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Quality management

ISO 9001 : 2009 certified

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



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