

AN-08

Yagi antenna 868 MHz

Data Sheet



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Description

Yagi antenna 868 MHz for IQRF devices.

Applications

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

Features

- SMA connector with 3 m cable



RF parameters

Frequency	824 to 896 MHz
Gain	10 dBi
Beam with -3dB	Horizontal 36° Vertical 32°
F/B ratio	≥ 18 dB
WSR	≤ 1.5
Input impedance	50 Ω
Max. power	100 W

Mechanical parameters

Terminal	SMA
Dimensions	600 mm x 160 mm x 56 mm
Material	Aluminium alloy
Weight	450 g
Mounting kids	U - bolts

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

Ordering code

- AN-08 Yagi antenna for 868 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-50 Antenna cable with SMA and U.FL connectors, for TR module, 50 cm

Document history

- 121120 First release

Sales and Service

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Partners and distribution

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Quality management

ISO 9001 : 2009 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

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