

AN-08

Yagi antenna 868 MHz

Datasheet



Description

Yagi antenna 868 MHz for IQRF transceivers.

Features

- SMA connector with 3 m cable
- Directional
- Long range

Applications

- IQRF transceivers
- RF band 868 MHz (EU and other countries)



RF parameters ***Typical values***

Frequency	824 MHz 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.

Product information

Ordering code

AN-08 Yagi antenna 868 MHz

Recommended cables

CAB-U.FL/SMA-05 Antenna cable with SMA and U.FL connectors, 5 cm
CAB-U.FL/SMA-15 Antenna cable with SMA and U.FL connectors, 15 cm
CAB-U.FL/SMA-50 Antenna cable with SMA and U.FL connectors, 50 cm
CAB-U.FL/SMA-100 Antenna cable with SMA and U.FL connectors, 100 cm
CAB-U.FL/SMA-xxx Antenna cable with SMA and U.FL connectors, custom length

Document history

170913 Chapter *Recommended cables* revised.
121120 First release.

Sales and Service

Corporate office

IQRF Tech s.r.o., Prumyslova 1275, 506 01 Jicin, Czech Republic, EU

Tel: +420 493 538 125, Fax: +420 493 538 126, www.iqrf.tech

E-mail (commercial matters): sales@iqrf.org

Technology and development

www.iqrf.org

E-mail (technical matters): support@iqrf.org

Partners and distribution

www.iqrf.org/partners

Quality management

ISO 9001 : 2009 certified

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



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