

CAB-SER-02

IQRF RS-232 Cable

User's Guide



Smarter wireless. Simply.

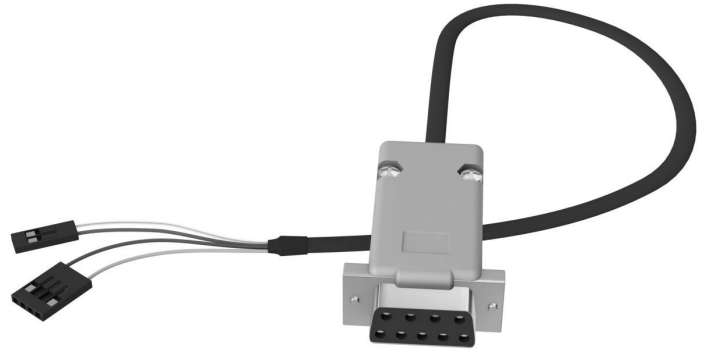
Description

CAB-SER-02 serial cable is a converter UART – RS-232.

It is intended to connect IQRF transceiver module to a user device via UART. Direct connection is enabled when the TR module is plugged in the DK-PGM-01 development kit.

CAB-SER-02 is compatible with IQRF application examples for TR utilizing UART.

On PC side any standard UART terminal can be used to control communication.



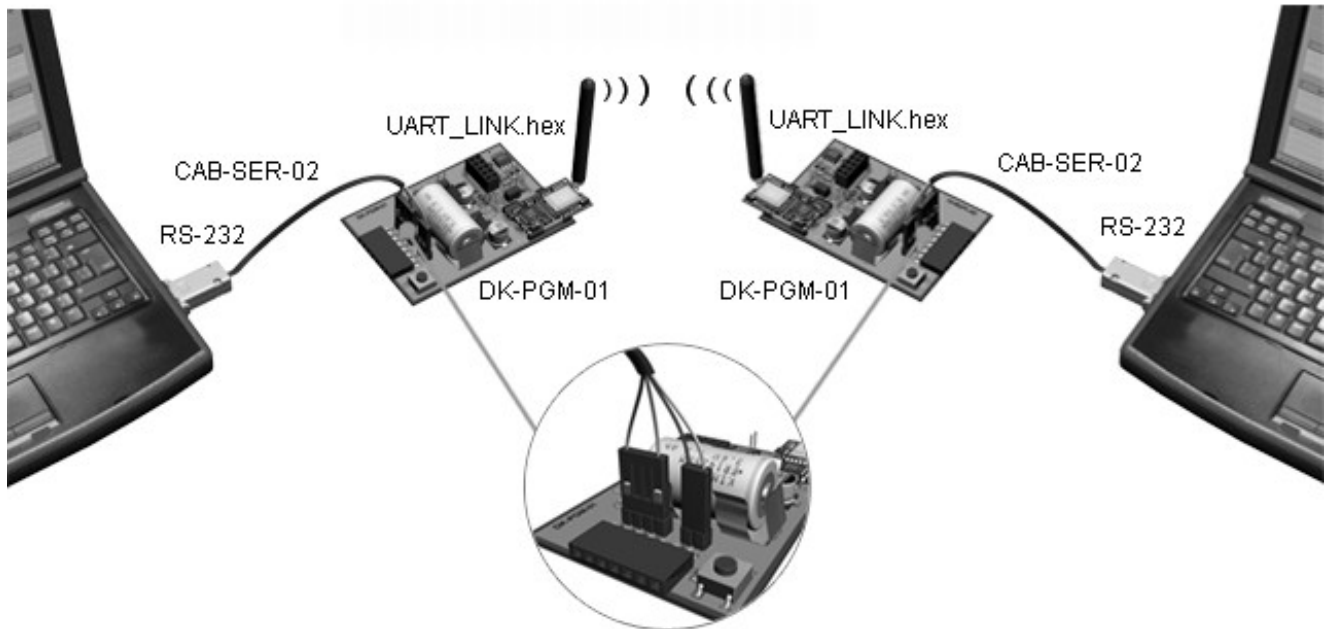
Applications

- Connectivity to standard equipment
- PC connectivity

Key features

- UART – RS-232 converter
- Primarily intended for IQRF – RS-232 interface
- Supports standard UART with 3 V digital levels
- Full duplex asynchronous serial communication
- RX, TX and ground wires
- Standard D-SUB 9F connector
- Compatible with DK-PGM-01 development kit

Typical application



See *UART_LINK* demo example.

Pinning

connector	pin	wire color	signal
single row 2 pin	1	red	power (3.0 V – 5.3 V)
	2	white	ground
single row 4 pin	1	yellow	RX
	4	green	TX
D-SUB 9F	2		RX
	3		TX
	5		ground

Product information

Pack list

- CAB-SER-02 cable

Ordering code

- CAB-SER-02 IQRF RS-232 cable

Recommended options

- DK-PGM-01 IQRF universal development kit
- DS-UART IQRF UART development set

Document history

- 110713 Updated examples
- 100720 Description and Key features slightly revised
- 100116 First release

Sales and Service

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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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On-line support: <http://iq-esupport.com>
