

CAB-U.FL

IQRF Antenna Coaxial Cable

User's Guide



Simple way to smarter wireless solutions

Description

CAB-U.FL is a single ended coaxial cable for connecting an antenna to IQRF transceiver module with ultra small antenna connector.

Applications

- Connectivity to TR modules with the "C" ordering suffix

Key features

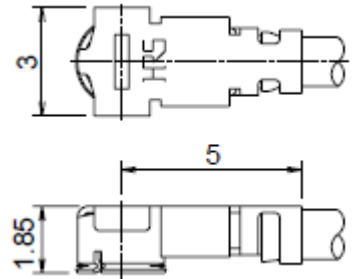
- Single ended cable assembly
- Fits to the KON-U.FL-R-SMT connector
- 18 cm, 100 cm or custom cable length



Parameters

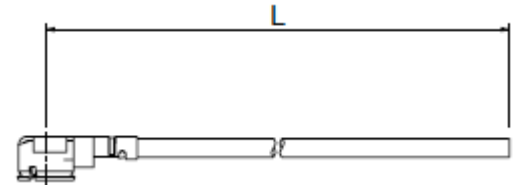
Plug

Mated height	2.3 mm nom., 2.4 mm max.
Applicable cable	1.37 mm diameter
Weight	72 mg
Attenuation	2 dB/m (for 433 MHz to 916 MHz)



Cable

Jacket diameter	1.37 mm FEP
Inner conductor	7/0.102 mm silver plated annealed copper wire
Dielectric diameter	0.88 FEP
Outer conductor	single shield tin plated annealed copper wire
Impedance	50 Ω
Attenuation	1.6 dB/m (for 433 MHz to 916 MHz)
Length	L = 180 mm ± 4 mm (CAB-U.FL-18) L = 1000 mm ± 12 mm (CAB-U.FL-100) Custom specified (CAB-U.FL-xxx)
Weight	4.5 g/m
Color	Black



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

Pack list

- CAB-U.FL Cable

Ordering code

- CAB-U.FL-18 Cable length 180 mm
- CAB-U.FL-100 Cable length 1000 mm
- CAB-U.FL-xxx Custom specified cable length, 35 mm min.

Document history

- 100116 First release

Sales and Service

Corporate office

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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>



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