

# K811 Cable Datasheet

IC, OA1 8p, RJ45 8p / B

Cable with ODU AMC1 connector between ECAT socket/measurement module or XCP-Gateway and the Ethernet interface of the PC, incl. power supply line

## Description

The signal cables are manufactured specifically for CSM. Highly durable wires are used, which are characterized by a high interference resistance and a good signal quality.

## Temperature

The temperature range specified for the main cable, excluding connectors, is -40 to 150 °C. The temperature range specified for the connectors may vary depending on the type (e.g. LEMO B connector: -55 to 250 °C; D-Sub: -55 to 105 °C; Banana: -40 to 80 °C; LEMO Redel: -50 to 150 °C).

## Main Cable Diameter

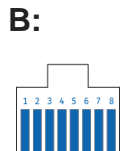
6.2 mm

## Bending Radius

5 x Diameter (permanently installed)

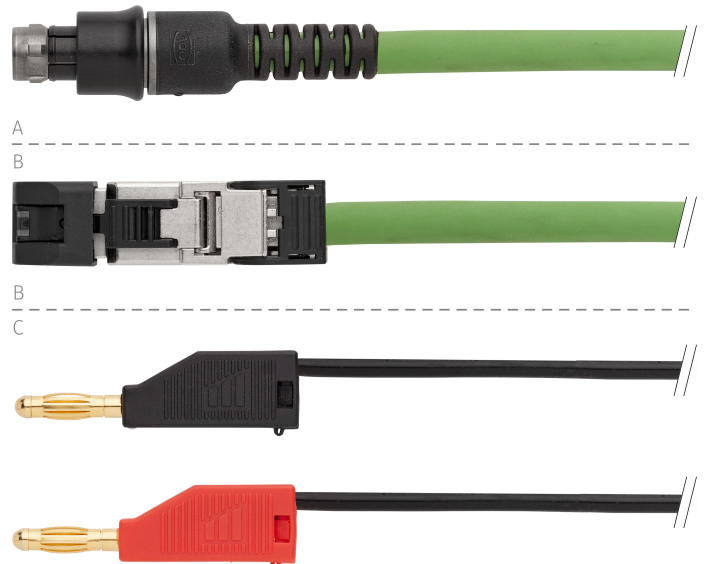
## Connectors

	Code	Poles	Code: D	Gender
<b>A</b>	OA1	8-pole		male
<b>B</b>	RJ45	8-pole		male
<b>C</b>	2x B	1-pole		male



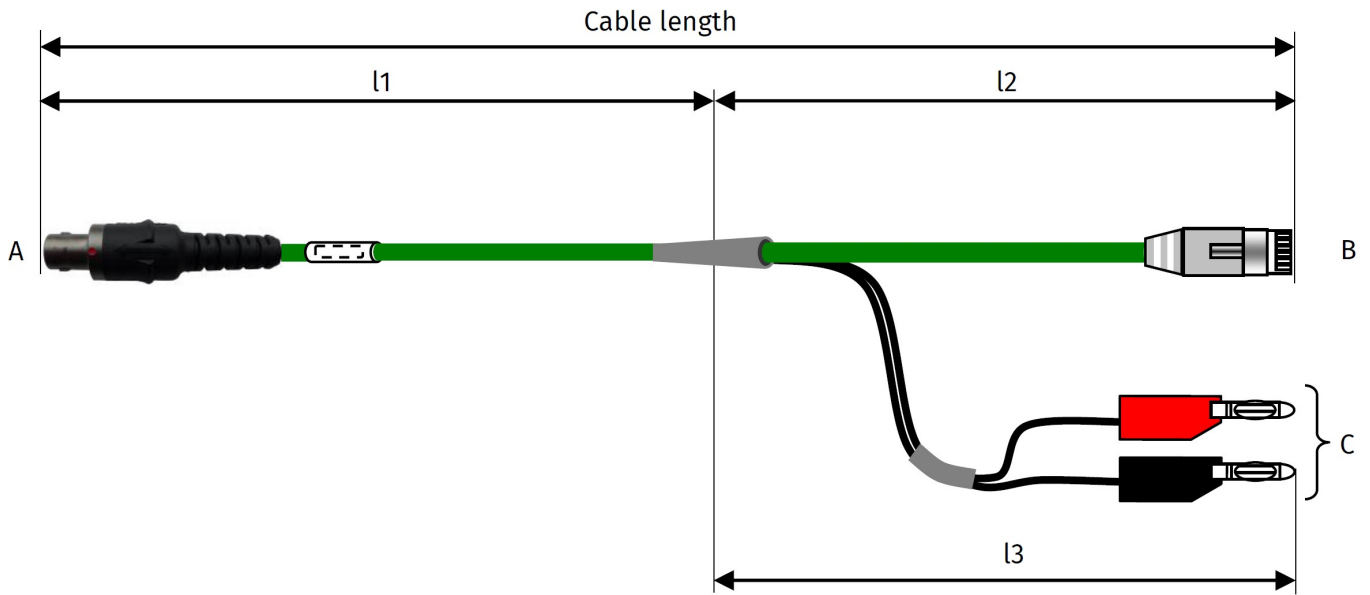
## Variants

Item No.	Cable Name	Length
ART1410304	K811-0050	0.5 m
	I1: 0.25 m I2: 0.25 m I3: 1 m	
ART1410302	K811-0100	1 m
	I1: 0.5 m I2: 0.5 m I3: 1 m	
ART1410301	K811-0250	2.5 m
	I1: 1.5 m I2: 1 m I3: 1 m	
ART1410303	K811-0500	5 m
	I1: 4 m I2: 1 m I3: 1 m	



Picture similar to actual product

## Overview



## Pinning

Con. A Pin	Signal	Cable Wire Color	Con. B Pin	Con. C Pin
1	Rx+	blue	1	-
2	Rx-	purple	2	-
3	Power GND	black	-	black
4	Power GND	black	-	
5	Power +	green	-	red
6	Power +	green	-	
7	Tx+	red	3	-
8	Tx-	pink	6	-
-	-	-	4, 5, 7, 8 n.c.	-
Housing	Cable shield	-	Housing	-



**CSM GmbH**

Raiffeisenstr. 36  
70794 Filderstadt  
Germany

Technical Questions:  
[www.csm.de/service-and-support](http://www.csm.de/service-and-support)

Sales Contact:  
[www.vector.com/contact](http://www.vector.com/contact)

Part of the Vector Group



All trademarks mentioned are property of their respective owners.  
Specifications are subject to change without notice.  
CANopen® and CIA® are registered community trademarks of CAN in Automation e.V.  
EtherCAT® is registered trademark and patented technology,  
licensed by Beckhoff Automation GmbH, Germany.