

K403 Cable Datasheet

IC, L1B 8p, RJ45, BNC

Cable between a KiRoad Performance Gateway and a KiRoad Performance Module

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

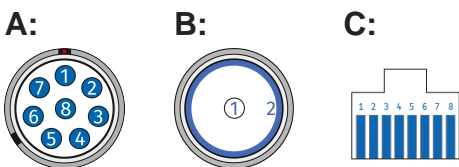
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

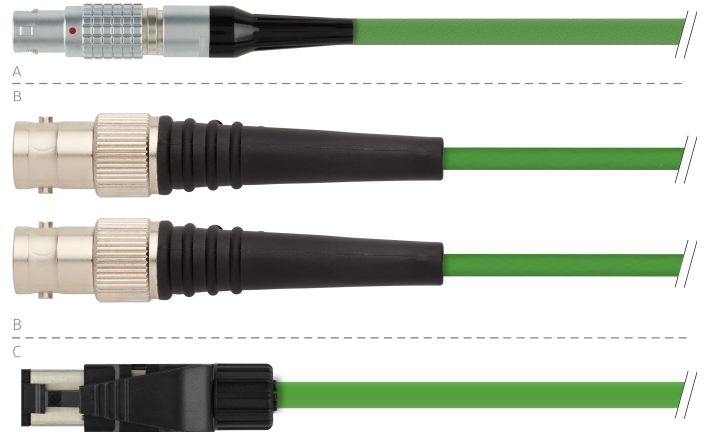
Connectors

Code	Connector Type	Poles	Code: D	Gender
A	L1B	8-pole		male
B	2x BNC	2-pole		female
C	RJ45	8-pole		male



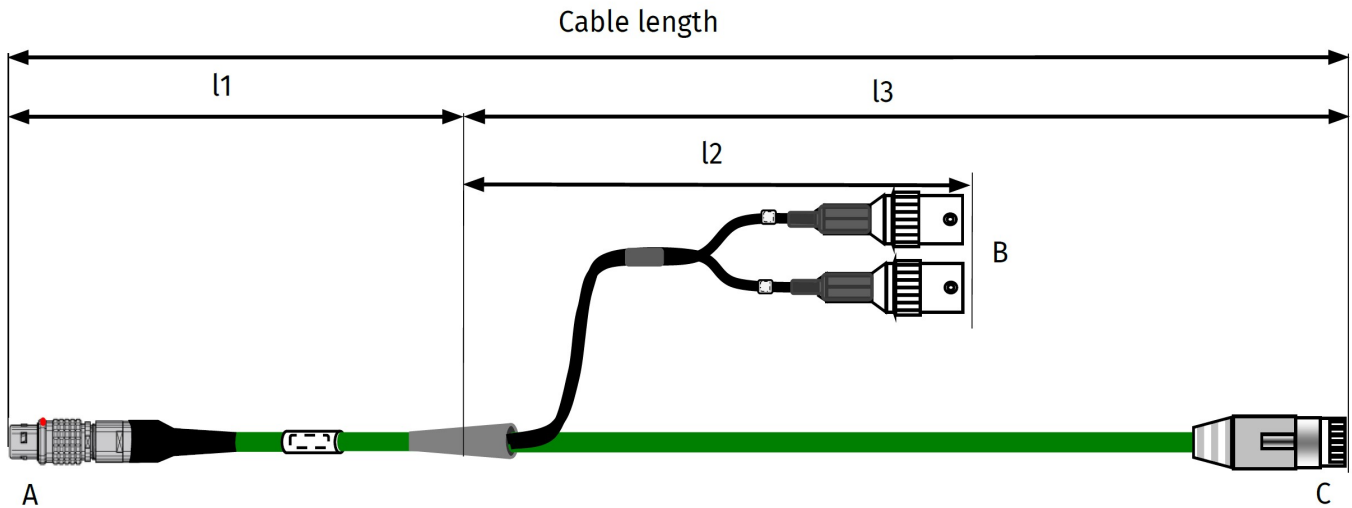
Variants

Item No.	Cable Name	Length
ART1412600	K403-0250	2.5 m
	I1: 0.5 m I2: 0.5 m I3: 2 m	



Picture similar to actual product

Overview



Pinning

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



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