

K410.1 Cable Datasheet

CC, L1B 8p, L1B 8p / B

Daisy chain cable for cascading ECAT measurement modules, incl. intermediate power supply

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

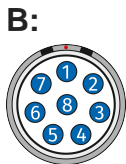
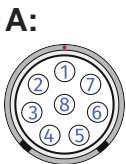
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

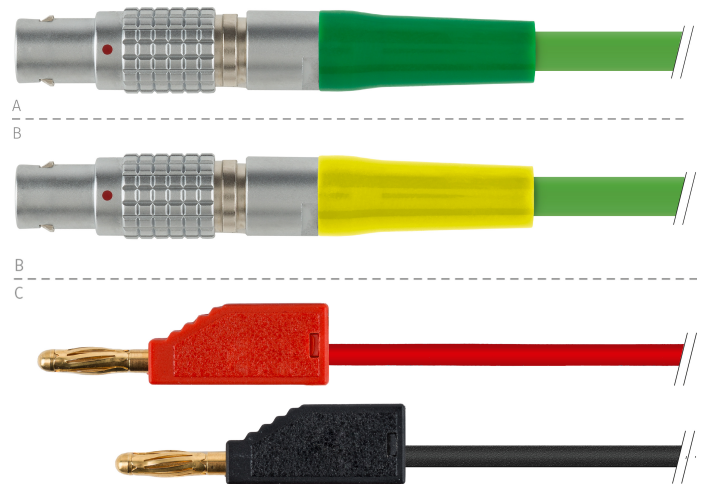
Connectors

A	L1B	8-pole	Code: L	female
B	L1B	8-pole	Code: A	male
C	2x B	1-pole		



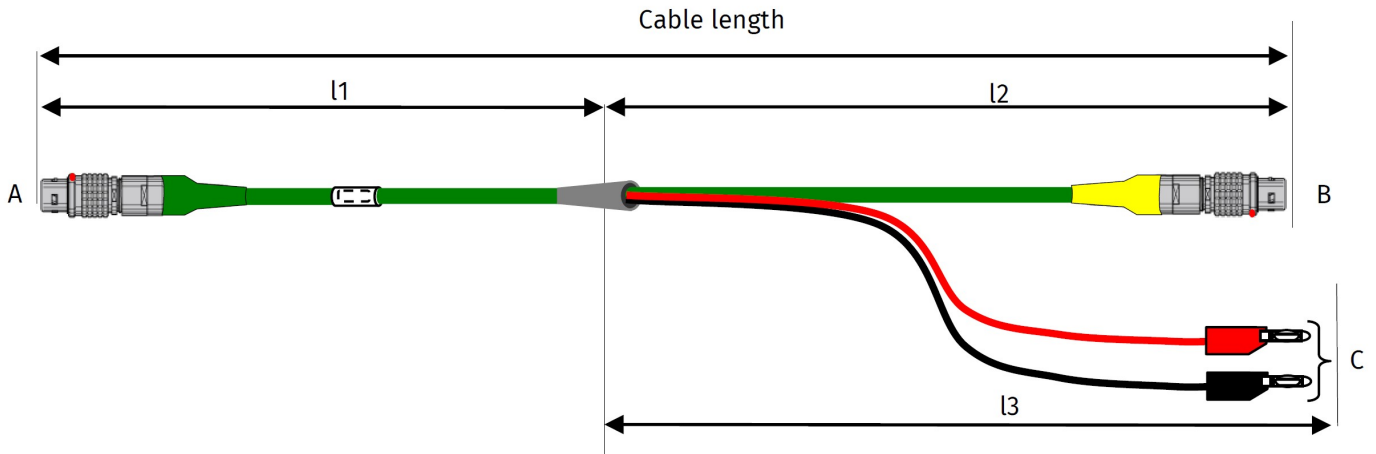
Variants

Item No.	Cable Name	Length
ART1401022	K410.1-0050	0.5 m
	I1: 0.25 m I2: 0.25 m I3: 3 m	
ART1090320	K410.1-0250	2.5 m
	I1: 0.25 m I2: 2.25 m I3: 3 m	
ART1401021	K410.1-0500	5 m
	I1: 0.25 m I2: 4.75 m I3: 3 m	



Picture similar to actual product

Overview



Pinning

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



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