

K811t Cable Datasheet

IC, L1T 8p, RJ45 8p / B

Connection cable between ECAT socket/measurement module and PC Ethernet interface

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

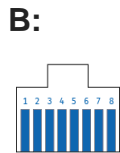
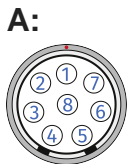
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

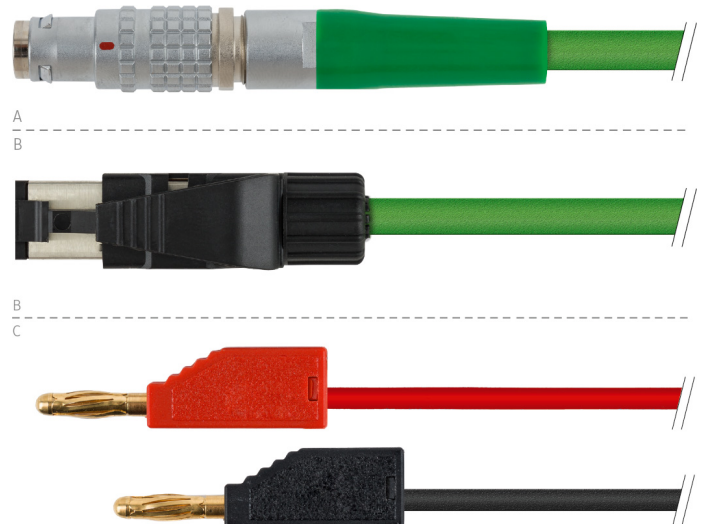
Connectors

	Code	Poles	Code	Gender
A	L1T	8-pole	Code: L	female
B	RJ45	8-pole		male
C	2x B	1-pole		male



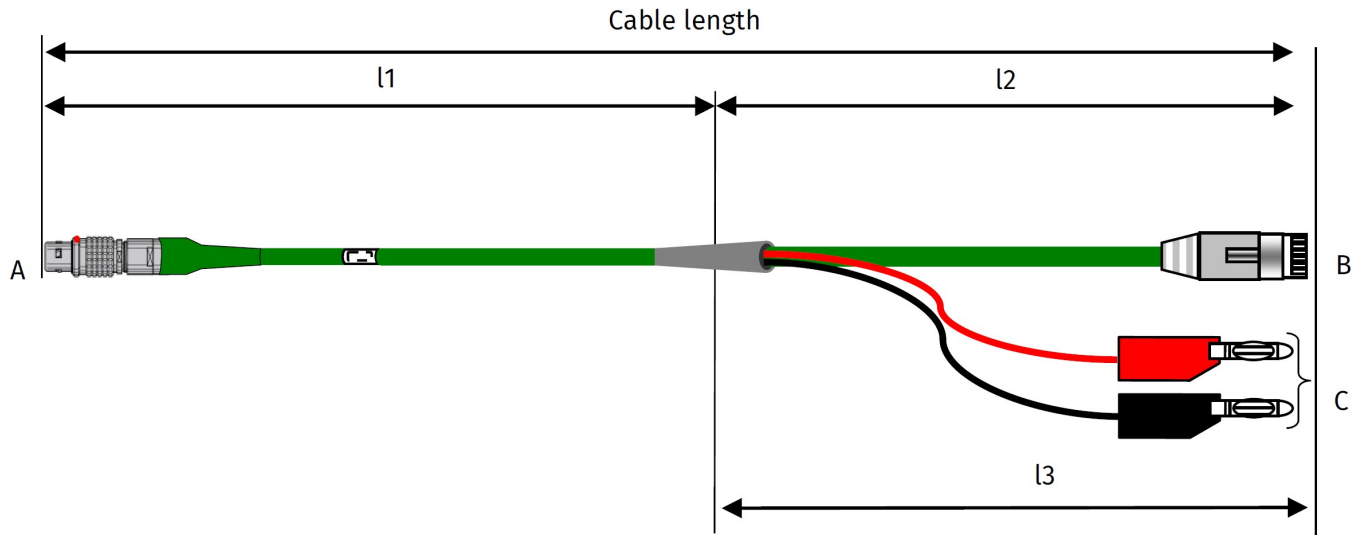
Variants

Item No.	Cable Name	Length
ART1412405	K811t-0050	0.5 m
	I1: 0.25 m I2: 0.25 m I3: 1 m	
ART1412401	K811t-0250	2.5 m
	I1: 1.5 m I2: 1 m I3: 1 m	
ART1412403	K811t-0500	5 m
	I1: 4 m I2: 1 m I3: 1 m	
ART1412404	K811t-1000	10 m
	I1: 9 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	Power +	green	-	red
2	Power GND	black	-	black
3	Rx-	purple	2	-
4	Tx-	pink	6	-
5	Rx+	blue	1	-
6	Power GND	black	-	black
7	Power +	green	-	red
8	Tx+	red	3	-
Housing	Cable shield	-	Housing	-
-	-	-	4, 5, 7, 8 n.c.	-



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