

K420e.2 Cable Datasheet

IC, L1B 8p, RJ45 8p / B

Cable between ECAT socket/measurement module or XCP-Gateway and Ethernet interface of the PC, incl. 1 m 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

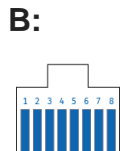
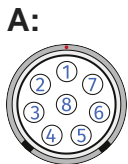
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

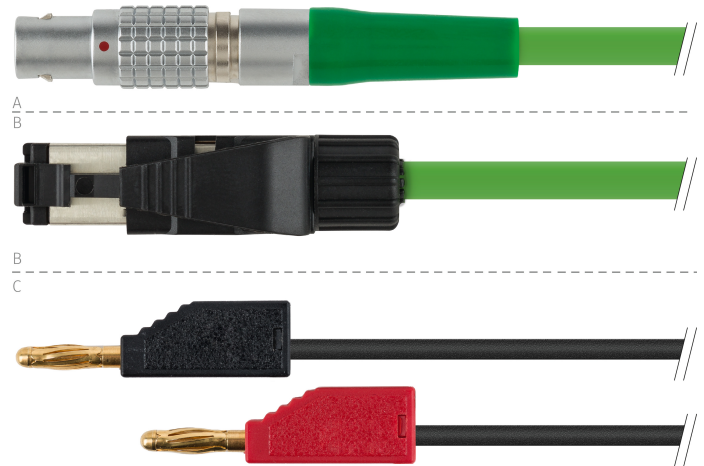
Connectors

| | Code | Poles | Code | Gender |
|----------|------|--------|---------|--------|
| A | L1B | 8-pole | Code: L | female |
| B | RJ45 | 8-pole | | male |
| C | 2x B | 1-pole | | male |



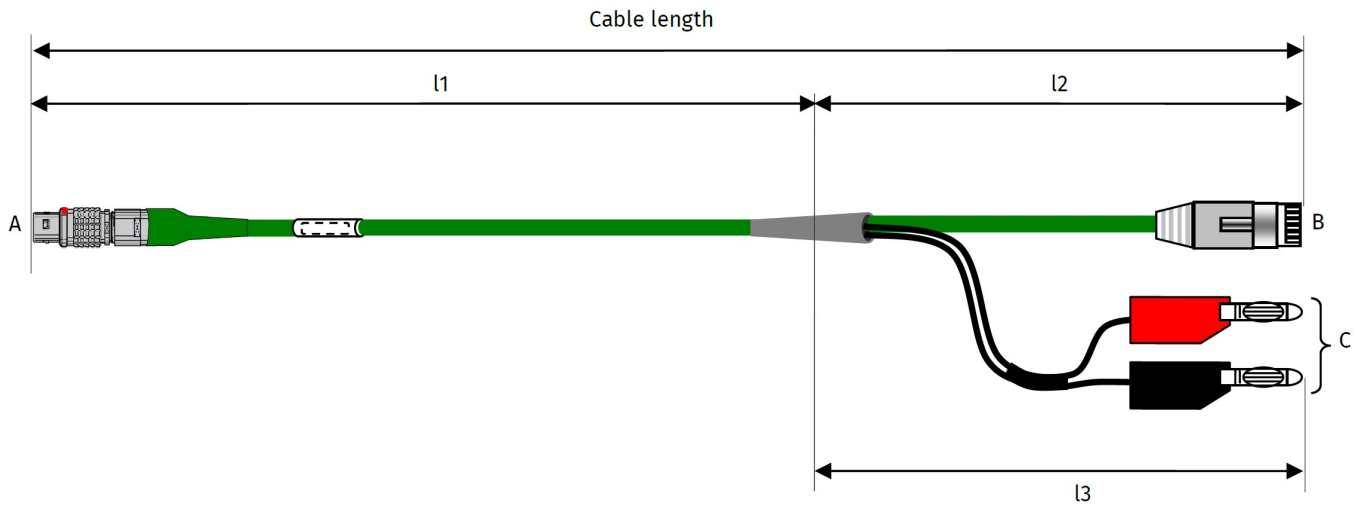
Variants

| Item No. | Cable Name | Length |
|------------|-----------------------------|--------|
| ART1100205 | K420e.2-0100 | 1 m |
| | I1: 0.5 m I2: 0.5 m I3: 1 m | |
| ART0202420 | K420e.2-0250 | 2.5 m |
| | I1: 1.5 m I2: 1 m I3: 1 m | |
| ART1100200 | K420e.2-0500 | 5 m |
| | I1: 4 m I2: 1 m I3: 1 m | |
| ART1100201 | K420e.2-1000 | 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. | - |



CSM GmbH

Raiffeisenstr. 36
70794 Filderstadt
Germany

Technical Questions:
www.csm.de/service-and-support

Sales Contact:
www.vector.com/contact

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