

# K486 Cable Datasheet

PC, F102 7p, B, R

Power supply cable with integrated 120 ohm termination resistor for HV BM 3.3 and 3.1 OBC

## 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 -30 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

5.6 mm

## Bending Radius

5 x Diameter (permanently installed)

## Connectors

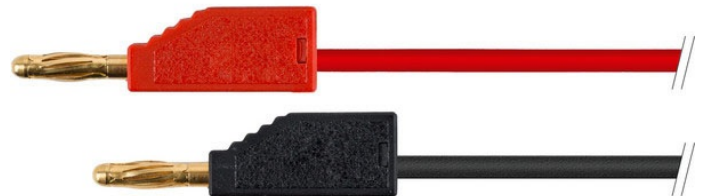
Code	Connector	Poles	Code	Gender
A	F102	7-pole	Code: 1	male
B	2x B	1-pole		male

A:



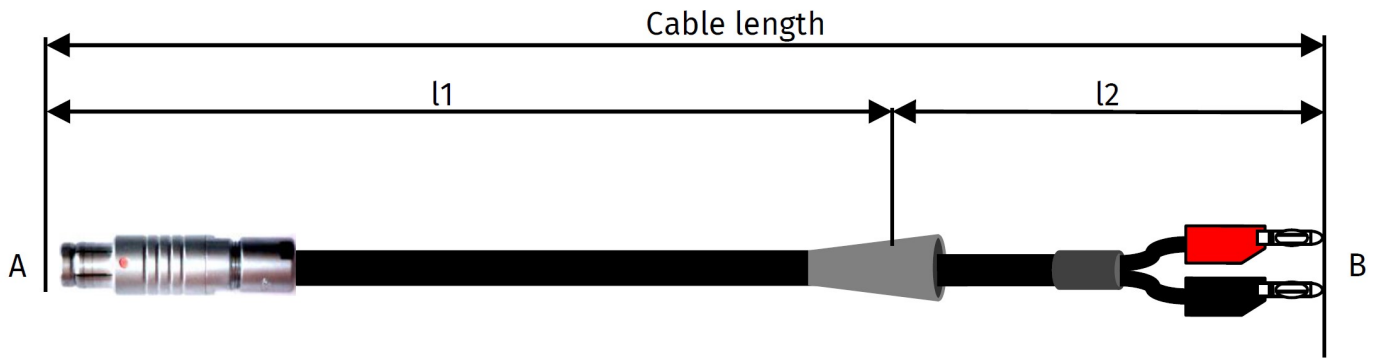
## Variants

Item No.	Cable Name	Length
ART1441001	K486-0200	2 m
	I1: 1.8 m I2: 0.2 m	
ART1441002	K486-0500	5 m
	I1: 4.8 m I2: 0.2 m	



Picture similar to actual product

## Overview



## Pinning

Con. A Pin	Signal	Cable Wire Color	Con. B Pin
4 + 5	Power +	red	red
6 + 7	Power GND	black	black
2 *	CAN_H	-	-
3 *	CAN_L	-	-
Housing	Cable shield	-	-
1 n.c.	-	-	-

\*) Termination 120 ohm between Pin 2 and 3



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