

K831 Cable Datasheet

SC, OA1 8p, open

Signal cable for CSM measurement module equipped with ODU AMC1 connector, open cable end

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

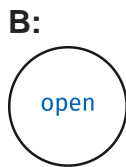
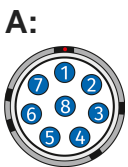
5 mm

Bending Radius

5 x Diameter (permanently installed)

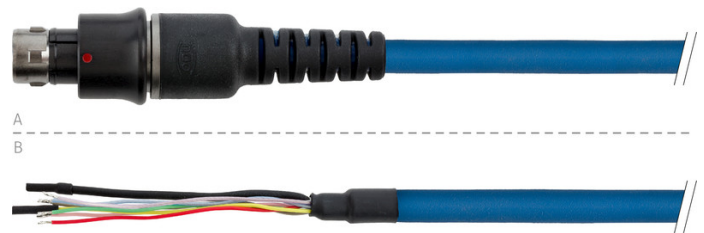
Connectors

A	OA1	8-pole	Code: C	male
B	open			



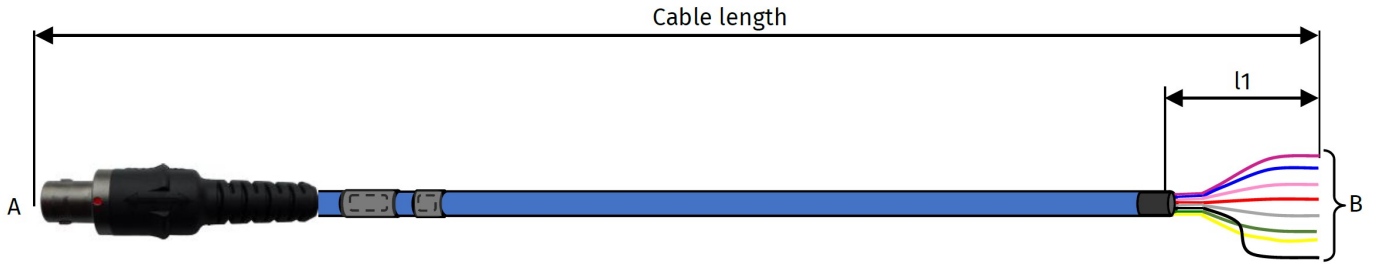
Variants

Item No.	Cable Name	Length
ART1421001	K831-0120	1.2 m
	I1: 0.05 m	
ART1421008	K831-0200	2 m
	I1: 0.05 m	
ART1421009	K831-0700	7 m
	I1: 0.05 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	ADMM Signal	STGMM Signal	Cable Wire Color
1	VIN-	VIN-	purple
2	VIN+	VIN+	blue
3	GND	VOUT-	pink
4	VOUT+	VOUT+	red
5	VOUT-	VSENSE-	grey
6	-	VSENSE+	green
7	Channel shield	Channel shield	black (Drain wire)
8	Data *)	Data *)	yellow
Housing	Cable shield	Cable shield	-

*) No TEDS included



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