# Measurement Auxiliaries Cables specifications

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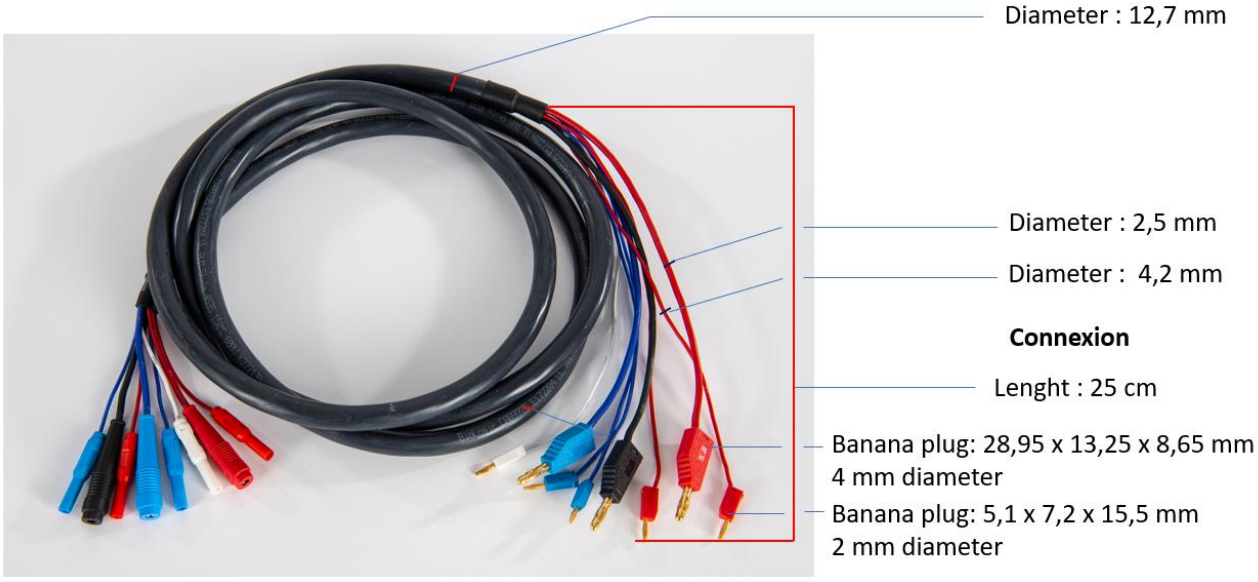
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# 1. High temperature extension cable (1.3 m long, 150°C max)

The extension cables are intended to be connected between the instrument's cell cable and the cell.

Available in two different sizes, 1.3 m and 2.5 m long and with a maximum temperature of 150 °C, these cables are compatible with all cables of :

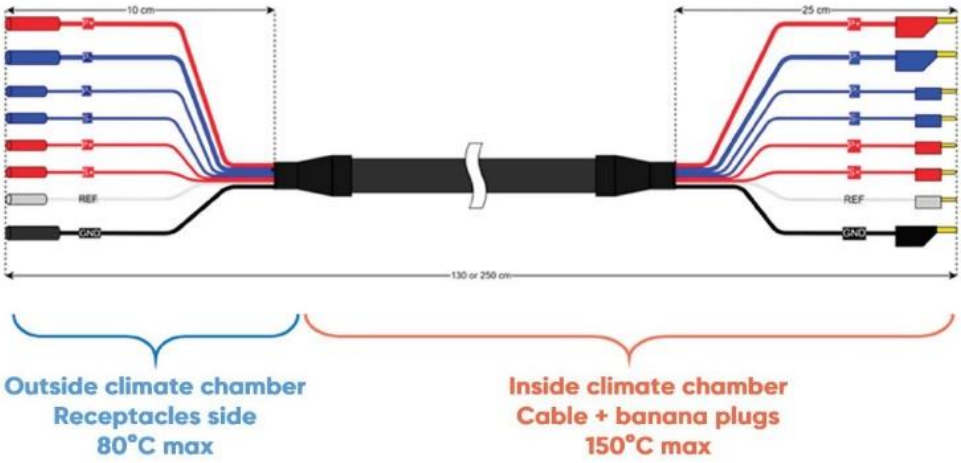
- SP-50e, SP-150e, VSP, VSP-3e, VMP-3e and boosters for Essential range instruments (20 A maximum)
- SP-200, SP-240, SP-300, VSP-300, VMP-300, and boosters for Premium range instruments (20 A maximum)
- BCS-805, BCS-810 and BCS-815




- **Specifications**

| General information | | |
|---|---|---|
| Length | 1,3 m | 2,5 m |
| Temperature | -40 °C to 150 °C | |
| Max current by using 2 mm input/output | 2 A | |
| Max current by using 4 mm input/output | 20 A | |

| Designation | Reference |
|---|---|
| High temperature extension cable (1.3 m long, 150°C max) | 092-25/1 |
| High temperature extension cable (2.5 m long, 150°C max) | 092-25/2 |



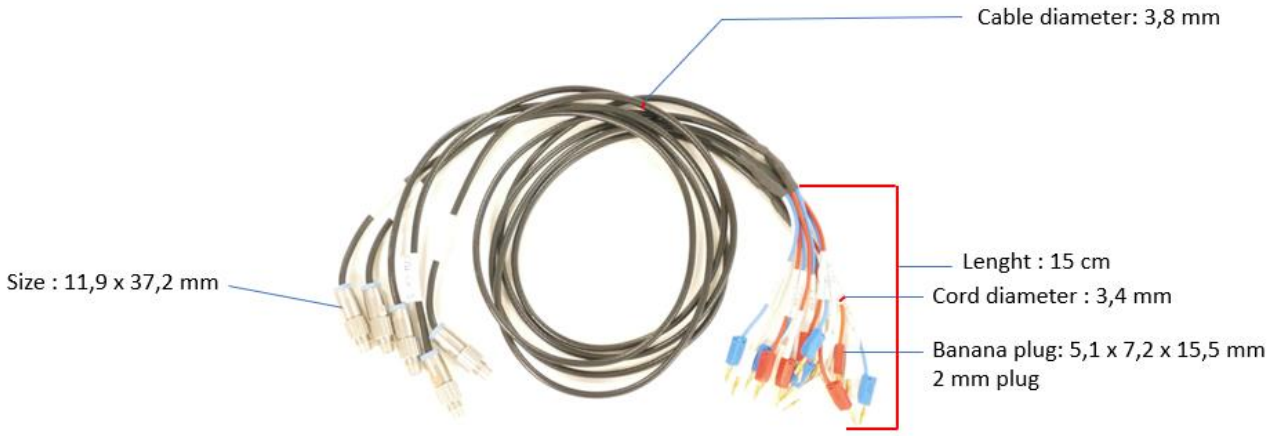

8 input receptacles:

- 2x "2 mm receptacles" for the power (P+ and P-)
- 2x "4 mm receptacles" for the power (P+ and P-)
- 3x "2 mm receptacles" for the sense (S+, S- and Ref)
- 1x "4 mm GND receptacles"

8 output banana plugs:

- 2x "2 mm banana plugs" for the power (P+ and P-)
- 2x "4 mm banana plugs" for the power (P+ and P-)
- 3x "2 mm banana plugs" for the sense (S+, S- and Ref)
- 1x "4 mm GND banana plugs

## 2. Cables for SAM-50




The Sam-50 is plugged directly on Essential instrument's channel boards. There is no cable between the potentiostat and the SAM-50.

- **Specifications**

| General information | Length | |
|---|---|---|
| 80 cm long cables (x5) for SAM-50 | 80 cm | 092-26/80 |
| 2,5 m long cables (x5) for SAM-50 | 2,5 m | 092-26/25 |
| 5 m long cables (x5) for SAM-50 | 5 m | 092-26/50 |

Using temperature: 70 °C maximum

# 3. Nstat Power Kit for Nstat box or SAM-50




- **Specifications**

| General information | Reference |
|---|---|
| Nstat Power Kit for Nstat box or SAM-50 | 092-16/1 |

Using temperature: 70 °C maximum

# 4. Cable for auxiliary connection

Three different accessories are offered to facilitate the connection to an external device (spectrometer, QCM, RDE, RRDE, thermostat…).

First a temperature probe that can be plugged directly into the auxiliary DB-9 connector of your instrument. The software is already configured to give the exact temperature.

Second, all the auxiliary inputs/outputs of the instrument can be made more accessible with the DB9- to 8 BNC connector.




- **Specifications**

| Designation | Reference |
|---|---|
| DB9 - 8 BNC cable for auxiliary connection | 092-22/1 |
| DB-9 - analog out/trigger for RRDE3A and SEC2020 control | 092-22/11 |

Using temperature: 70 °C maximum