

TECHNICAL DATA

# TLPV1 MC4 to 4mm Test Lead Set



Ensures safe measurements on PV modules

Compatible with 4 mm sheathed banana plugs

Ideal for Staubli MC4-connected solar panels

Set of black and red MC4 to 4 mm banana plug test leads for solar applications, designed for reliable and safe measurements in photovoltaic systems.

## Key Features:

- **Safety and Reliability:** Ensures safe current and voltage measurements on photovoltaic (PV) modules and systems.
- **Versatile Connections:** Compatible with test tools accepting 4 mm sheathed banana plugs.
- **Measurement and Troubleshooting:**
  - Connects measuring devices to PV power plants.
  - Ideal for regular tests, measurements, and troubleshooting on solar PV panels that use Staubli MC4 connections.
- **Nickel Plated Contacts:** Ensures robust and reliable connections with minimal resistance and corrosion.
- **Lead Specifications:**
  - **Length:** The test leads are 150 cm (59 inches) long, providing ample reach for testing and measurements.
  - **Color Coding:** Includes a set of black (female) and red (male) MC4 test leads for easy identification and usage.
- **Official Staubli MC4 connectors used:** Ensuring high-quality and reliable connections.
- **Includes the Fluke TLPV-UTOOL solar PV unlocking tool:** For convenient disconnect of Staubli MC4 connectors.
- **Includes the Fluke LeadWrap:** For test lead management and storage.
- **Warranty:** One-year warranty.

**Applications:**

- **Photovoltaic (PV) Module and System Testing:** Ideal for performing safe and accurate current and voltage measurements on PV modules and systems.
- **PV Power Plant Connections:** Facilitates the connection of measuring devices to PV power plants, aiding in regular testing, maintenance, and troubleshooting.
- **Solar PV Panel Analysis:** Used in various diagnostic and maintenance tasks on solar PV panels that accept Staubli MC4 connections, ensuring efficient and reliable performance.
- **Test Equipment Compatibility:** Connects to a range of test tools that accept 4 mm sheathed banana plugs, making it versatile for different testing environments and requirements.
- **Field and Lab Testing:** Suitable for both on-site field testing and laboratory analysis, offering flexibility for different testing scenarios.

**Ratings**

<b>Voltage:</b>	Complies to IEC / EN 61010-031
	CAT III 1500 V
	Do Not Disconnect Under Load
	Not Intended for Permanent Installation
<b>Current:</b>	30 A
<b>Temperature Range:</b>	+5 °C to +30 °C (+41 °F to +86 °F), < 80 % RH
	+31 °C to +40 °C (+88 °F to +104 °F), < 50 % RH



**Ordering Information**

TLPV1, MC4 TO 4mm TEST LEAD SET, BLACK/RED

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