

Photovoltaic Test Lead Set, MC4 to 4 mm Sheathed Banana Plug

CT4503



Features:

- Test lead set for PV testing and maintenance
- IEC 61010-031 Safety rated
- Interconnection (MC4 / 4 mm sheathed plug)
- Double insulated PVC wire
- Contact material: BeCu, AuNi plated
- CE Mark
- RoHS 2 Compliant

Description:

The CT4503 is a set of interconnecting, MC4 to 4 mm sheathed banana plug leads. Designed to allow the measurement of open-circuit voltage (V_{oc}) and short-circuit current (I_{sc}) of solar panels, they provide a reliable and safe connection between photovoltaic modules and your measuring device. The double insulated PVC wire is both flexible and durable to provide ease of use. These photovoltaic leads can be used with Cal Test's CT4491, MC4 extension lead, whenever additional lead length is required.

See page 2 for example connection configurations.

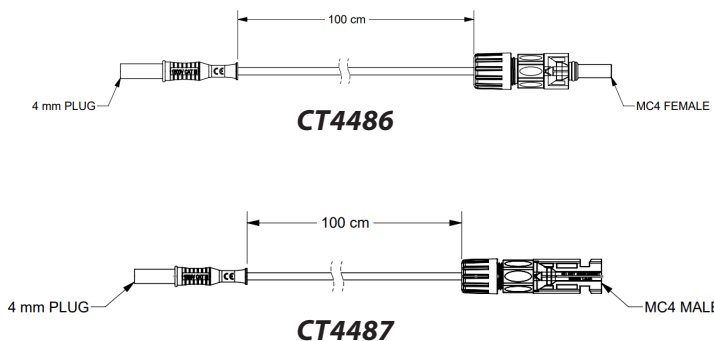
Available individually, as a pair, or in a kit. See Order Information on page 2.

For additional product information, cross-references, or other test accessory information, visit www.caltestelectronics.com.

Specifications:

- Voltage Rating: 1500 VDC CAT III
- Max Current: 36 A
- Wire: PVC Jacket 13 AWG (2.50 mm²), stranded bare copper
- Body: Polypropylene (4 mm plug), Polyphenylene Oxide (MC4)
- Contact: BeCu, Ni Plated (4 mm plug), AuNi Plated (MC4)
- Lead Length: 100 cm (standard)
- Working Temperature: -20°C to +80°C

Outline Drawing: (not to scale)



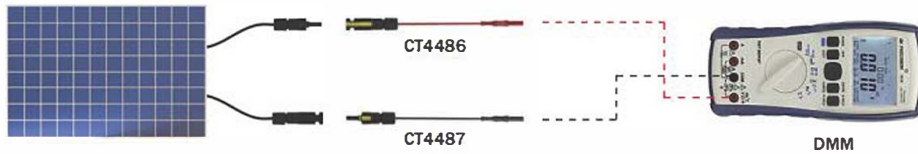
WARNING: Do not disconnect under load.

CAUTION: For test and measurement purposes only, MC4 female locking clips intentionally removed. Do not use as permanent installation.

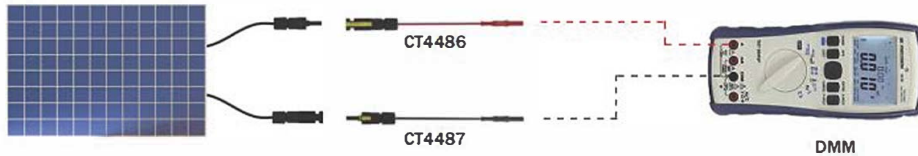
Open-Circuit Voltage and Closed-Circuit Current:

The included CT4486 and CT4487 test leads can be used to easily measure open-circuit voltage and short-circuit current.

Open-Circuit Voltage



Closed-Circuit Current



Contact Info:

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Ordering Information:

CT4503

Photovoltaic Test Lead Set

Includes:

CT4486-100-0 [MC4 Female to 4 mm Sheathed Plug, 100 cm, black]

CT4487-100-2 [MC4 Male to 4 mm Sheathed Plug, 100 cm, red]

CT4490

Photovoltaic Test Lead Kit

Includes;

CT4486-100-0 [MC4 Female to 4 mm Plug, black]

CT4487-100-2 [MC4 Male to 4 mm Plug, red]

CT4488-30-100-0 [MC4 Female Breakout MC4 Male (30 cm), 4 mm Plug (100 cm), black]

CT4489-30-100-2 [MC4 Male Breakout MC4 Female (30 cm), 4 mm Plug (100 cm), red]

CT4491-100-2 [MC4 Male to MC4 Female, red]

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