

MC4 adapter test leads MC4 test connectors

Renewable Energy | Solar Photovoltaics

EN



MC4 adapter test leads

MC4 adapter test leads with locking MC4 connector



PV-1500AMLXB4L/150... (with locking MC4 socket)



PV-1500AMLXS4L/150... (with locking MC4 plug)

- For safe current and voltage measurement on PV modules and systems:
The adapter test lead consists of a Stäubli connector and a Ø 4 mm Stäubli test plug for measuring devices.
- The test leads are certified to harmonized standard UL/IEC 61010-031, and rated at 30 A and DC 1500 V.
- Available with and without locking.
- The gold-plated contacts ensure precise measurements and allow for a high number of mating cycles.
- MC4 and MC4-Evo are registered trademarks owned by Stäubli.

MC4 adapter test leads with non-locking MC4 connector



PV-1500AMLXB4/150... (with non-locking MC4 socket)



PV-1500AMLXS4/150... (with non-locking MC4 plug)

Technical data	
Rated voltage	DC 1500 V
Rated current	30 A
Category	CAT III
Degree of pollution	2
Lead cross section	2.5 mm ²
Lead length	150 cm
Contact material	Copper, gold plated
Max. number of mating cycles	1000
UL certified according to	UL/IEC 61010-031
UL file number	E533779

Ordering information

Order No.	Type	Socket	Plug	Connector system	Locking type	Colour
32.0476-15021	PV-1500AMLXB4L/15021	×		MC4	×	21
32.0476-15023	PV-1500AMLXB4L/15023	×		MC4	×	23
32.0477-15021	PV-1500AMLXS4L/15021		×	MC4	×	21
32.0477-15022	PV-1500AMLXS4L/15022		×	MC4	×	22
32.0480-15021	PV-1500AMLXB4/15021	×		MC4		21
32.0480-15023	PV-1500AMLXB4/15023	×		MC4		23
32.0481-15021	PV-1500AMLXS4/15021		×	MC4		21
32.0481-15022	PV-1500AMLXS4/15022		×	MC4		22

Note:

Other cable lengths and colors are available upon request.

Further information



Assembly instructions

For assembly instructions for “MC4 adapter test leads” please consult:

www.staubli.com/re-downloads.html → English → Assembly info → **MA712**

MC4 test connectors

MC4 test socket



PV-KBT4/...-PL-UR AU



PV-KBT4/...-P-UR AU

MC4 test plug



PV-KST4/...-PL-UR AU



PV-KST4/...-P-UR AU

- The gold-plated contacts ensure precise measurements and allow for a high number of mating cycles.
- The test connectors are compliant with UL/IEC 61010-031 and available with or without locking features.
- Suitable for connection of wire sizes 14 AWG to 8 AWG.
- MC4 and MC4-Evo are registered trademarks owned by Stäubli.

Technical data	
Rated voltage	DC 1500 V
Rated current	30 A (2.5 mm ² , 14 AWG) ¹⁾ 35 A (4 mm ² , 12 AWG) ¹⁾ 50 A (10 AWG) ¹⁾ 70 A (8 AWG) ¹⁾
Contact material	Copper, gold plated
Max. number of mating cycles	1000
Insulation material	PC/PA
UL certified according to	UL/IEC 61010-031
UL file number	E533779

¹⁾ Recognized component. The amperage rating needs to be verified in the user configuration/application.

Ordering information

Test socket		Test plug		Max. outer diameter of cable ¹⁾	Conductor cross section		Locking type
Order No.	Type	Order No.	Type	mm	mm ²	AWG	
32.0458-UR	PV-KBT4/5I-PL-UR AU	32.0459-UR	PV-KST4/5I-PL-UR AU	6.2	2.5; 4	14; 12; 10	×
32.0460-UR	PV-KBT4/5X-PL-UR AU	32.0461-UR	PV-KST4/5X-PL-UR AU	7.0	2.5; 4	14; 12; 10	×
32.0462-UR	PV-KBT4/5II-PL-UR AU	32.0463-UR	PV-KST4/5II-PL-UR AU	8.8	2.5; 4	14; 12; 10	×
32.0464-UR	PV-KBT4/8I-PL-UR AU	32.0465-UR	PV-KST4/8I-PL-UR AU	6.2		8	×
32.0466-UR	PV-KBT4/8X-PL-UR AU	32.0467-UR	PV-KST4/8X-PL-UR AU	7.0		8	×
32.0468-UR	PV-KBT4/8II-PL-UR AU	32.0469-UR	PV-KST4/8II-PL-UR AU	8.8		8	×
32.0440-UR	PV-KBT4/5I-P-UR AU	32.0441-UR	PV-KST4/5I-P-UR AU	6.2	2.5; 4	14; 12; 10	
32.0442-UR	PV-KBT4/5X-P-UR AU	32.0443-UR	PV-KST4/5X-P-UR AU	7.0	2.5; 4	14; 12; 10	
32.0444-UR	PV-KBT4/5II-P-UR AU	32.0445-UR	PV-KST4/5II-P-UR AU	8.8	2.5; 4	14; 12; 10	
32.0446-UR	PV-KBT4/8I-P-UR AU	32.0447-UR	PV-KST4/8I-P-UR AU	6.2		8	
32.0448-UR	PV-KBT4/8X-P-UR AU	32.0449-UR	PV-KST4/8X-P-UR AU	7.0		8	
32.0450-UR	PV-KBT4/8II-P-UR AU	32.0451-UR	PV-KST4/8II-P-UR AU	8.8		8	

¹⁾ The suitability of the cable must be checked by the user.

Further information



Tools and accessories

For related Stäubli tools and accessories please consult:

www.staubli.com/re-downloads.html → English → Catalog → **Tools and accessories**



Assembly instructions

For assembly instructions for “MC4 test connector (DC 1500 V)” please consult:

www.staubli.com/re-downloads.html → English → Assembly info → **MA717**



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