

# Standard cable assemblies

**PV-K4..../PV-KBT4/6X/1PV-KST4/6X/...**  
Cable assembly MC4

**PV-K4..../PV-EVO2-BI/PV-EVO2-BI/...**  
Cable assembly MC4-Evo 2



These extensions help to connect your PV components to the PV system. IEC 62930 certified PV DC pre-assembled cable.

Please review specifications for your installation.

Technical data	
Connector system	MC4 / MC4-Evo 2
Voltage rating IEC 62852:2014+Amd 2:2020 2 PfG 2330/03.23 UL6703	MC4: DC 1000 V / MC4-Evo 2: DC 1500 V MC4: DC 1500 V <sup>1)</sup> MC4: DC 1500 V
Ambient temperature range	-40 °C...+85 °C (IEC) -40 °C...+85 °C (UL)
Transportation/storage temperature range	-30 °C/+60 °C
Transportation/storage relative humidity	< 70 %
Safety instruction	Do not disconnect under load
Mating connectors: Only Original Stäubli connectors shall be used!	

<sup>1)</sup> IEC DC 1500 V: Only for use in PV-systems in access-restricted areas.

**Attention**

When connecting the connectors, it must be ensured that the rated data (current carrying capacity and rated voltage) of the products are dependent on the mating connectors used. Observe the information in the assembly instructions for the connectors used.

Order No.	Length	Cable cross-section	Connector system
13002820-100	1 m	4 mm <sup>2</sup>	MC4
13002820-150	1.5 m		
13002820-200	2 m		
13002820-300	3 m		
13002820-500	5 m		
13002820-10M	10 m		
13002812-100	1 m	6 mm <sup>2</sup>	MC4
13002812-150	1.5 m		
13002812-200	2 m		
13002812-300	3 m		
13002812-500	5 m		
13002812-10M	10 m		
13002843-100	1 m	4 mm <sup>2</sup>	MC4-Evo 2
13002843-150	1.5 m		
13002843-200	2 m		
13002843-300	3 m		
13002843-500	5 m		
13002843-10M	10 m		
13002844-100	1 m	6 mm <sup>2</sup>	MC4-Evo 2
13002844-150	1.5 m		
13002844-200	2 m		
13002844-300	3 m		
13002844-500	5 m		
13002844-10M	10 m		



Assembly instructions MA711

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