

Genuine MC4 Connector System

MC4 Cable Couplers

The components of the MC4 connector system for photovoltaics are designed to allow time-saving and safe serial and parallel wiring of PV modules for building-integrated and free-standing solar installations. Coupler housing (insulator) and contact pin are supplied as a pair under the one part number.

Technical Data

Voltage Rating	1000 V DC (IEC), 1500V DC (2Pfg2330)*
Temperature Range	-40° C to + 850° C
Ingress Protection (mated)	IP65, IP68 (1hr/1m)
Type of termination	Crimp
Flame Class	UL94-V0
Approvals	TUV, UL

* 2Pfg2330 : only approved for locations with restricted access



PV-KBT4 Range

Female (socket) Cable Coupler	Conductor size (mm ²)	Cable OD clamping range (mm)	Current rating (A)
32.0010P0001	2.5	5.0 - 6.0	22.5
32.0014P0100	4 - 6	5.5 - 7.4	39
32.0016P0001	4 - 6	5.9 - 8.8	39
32.0034P0001	10	5.9 - 8.8	45



PV-KST4 Range

Male (plug) Cable Coupler	Conductor size (mm ²)	Cable OD clamping range (mm)	Current rating (A)
32.0011P0001	2.5	5.0 - 6.0	22.5
32.0015P0100	4 - 6	5.5 - 7.4	39
32.0017P0001	4 - 6	5.9 - 8.8	39
32.0035P0001	10	5.9 - 8.8	45

MC4 Branch Plugs

Branch plugs and sockets are an economical method of joining 2 strings in parallel. The IP rated connectors make for a safe and reliable connection and save running 2 cables on the long return path from the far end of the PV array, saving time and money.



PV-AZB4

Branch socket

32.0018	2 x Female - 1 x Male
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PV-AZS4

Branch plug

32.0019	2 x Male - 1 x Female
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MC4 Panel Receptacles

MC4 panel-receptacle connectors are the interface between an inverter or junction box or preassembled cable. M12 locknut is supplied with unit for fast, efficient mounting. Protection class IP68 guarantees the highest connection safety.



PV-ADB4 Range

Female panel receptacle

32.0076P0001	2.5mm ² conductor
32.0078P0001	4-6mm ² conductor

32.0107P0001	Socket Pin
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PV-ADSP4 Range

Male panel receptacle

32.0077P0001	2.5mm ² conductor
32.0079P0001	4-6mm ² conductor

32.0507P0001	Plug pin
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