

# PURWIL High Power Charging Cable CCS-2 250 Compact

DC high power charging cable with CCS-2 connector

2412\_250\_Compact

## Application

HPC cable assembled with CCS-2 vehicle connector. Open cable end. Cable according to IEC 62893-4-1, connector based on IEC 62196-3 .

Your Benefits:

- Admissible current up to 300A
- Protection code IP69
- Power and signal contacts silver-plated
- Easily replaceable power contacts and front case
- High cable flexibility and optimal system handling
- cable Ø of just 33.8mm
- Connector and cable developed and manufactured by BRUGG eConnect
- Customized length and cable end assembling possible

## Technical Data

System:

- Charging standard: CCS Type 2
- Rated current of system: 200A
- Rated current peak: 250A
- Rated voltage of system: 1.000V DC
- Maximum charging power: 250kW
- Proximity pilot resistant: 1.500Ω (between PE and PP)
- Ambient temperature (operation): -35°C ... +45°C
- Temperature monitoring: 2x PT 1000
- DC/PE contacts: possible to replace (screwed)
- Insertion/withdrawal force: < 100N
- Insertion/withdrawal cycles: >10.000 (can be extended if DC/PE contacts are replaced)

Cable:

- Cross-section: 2X70+1G35+[8X0.75C]
- Bending radius: 10 x D
- Diameter: 33.8 ± 0.4mm
- Temperatur range: -40°C ... +90°C

## Standards

IEC 62893-4-1:2020  
Based on IEC 62196-3



## Selection Chart Connecting cables

Part no	Cable type mm <sup>2</sup>	Charge coupler type	Cable length m	Copper Index kg/set	Weight appr. kg/set
	2X70+1G35+[8X0.75C]	CCS-2 Compact	5.0	9.29	12.5
	2X70+1G35+[8X0.75C]	CCS-2 Compact	6.0	11.04	14.7

