

# DUOSIDA charging cable TYPE 1 | 20A | 1phase | 5kW | 5 - 8m

Professional AC charging cable designed for charging from Type 2 plug to Type 1 plug Yazaki J1772 up to 5kW (1x240V / 20A).

## Product definition

- Standards/regulations: SAE J1772
- Charging standard: Type 1
- Charging mode: Mode 3
- Type of charging current: AC single-phase

## Ambient conditions

- Ambient temperature (operation) -30 °C ... 50 °C
- Max. altitude 5000 m (above sea level)
- Degree of protection IP44 (plugged in)
- Degree of protection IP54 (Protective cap)

## Electrical properties

- Maximum charging power 5 kW
- Number of phases 1
- Number of power contacts 3 (L1, N, PE)
- Rated current of power contacts 20 A
- Rated voltage for power contacts 250 V AC
- Number of signal contacts 2 (CP, CS)
- Rated current for signal contacts 2 A
- Rated voltage for signal contacts 30 V AC
- Type of signal transmission Pulse width modulation
- Resistor coding 480  $\Omega$  (Lever actuated)
- Resistor coding 150  $\Omega$  (Lever not actuated)

## Mechanical properties

- Insertion/withdrawal cycles > 10000
- Coupled Insertion Force: 45N

## Material

- Housing material thermoplastic flammability rating UL94V-0
- Material connection profile Plastic
- Material protective cap Soft plastic
- Material surface of contacts Ag

## Locking

- Locking type Locking option for actuating lever with 4 mm U-lock