

DATA-SHEET

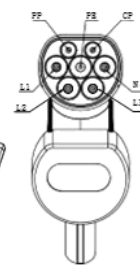
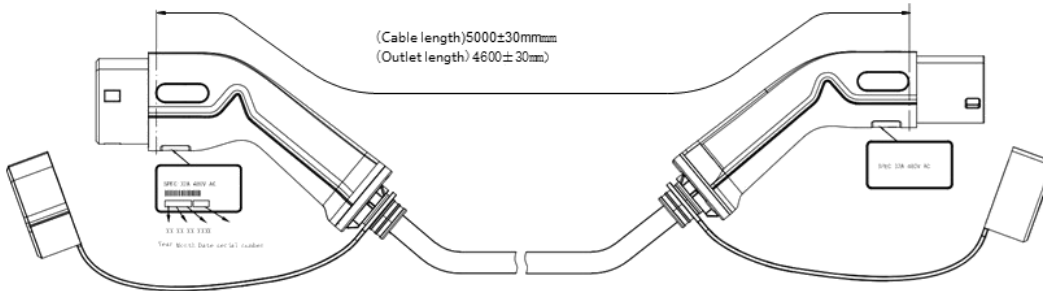
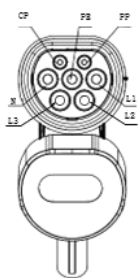


JT Mobility mode 3 charging cable is a connector cable between the charging station and the electric car. To allow electric cars to be charged using type 2 plugs. This cable works on all charging stations mode 3 according to standards ISO 17409 and IEC 61851. It is compatible with all the charging stations and all EV rechargeable vehicle with type 2 standard. This cable will work safely on all charging stations, even the ones with inferior or superior charging power. This product has a unique integrated design and strong structure which can be used outdoor and in rainy environment. It could also withstand the crushing of a vehicle. This Type 2 (Male) – Type 2 (Female) Cable permits Three Phase 32Amps of charge to flow into the electric vehicle. It used to connect vehicle with EVSE Socket (Female) to Electric Vehicle Inlet Socket (Male)

KEY FEATURES

- Strong Seamless Construction ensuring a high IP65
- Waterproof Rating suitable for Indoor and Outdoor Charging Safely.
- Protection V0 Non-Flammable Strong Polyamide Material
- We offer a 1 Year Warranty supported by a very experience Technical Support Team.
- Suitable for Outdoor and Indoor Charging
- Usually 5-meter-long charging cable suitable for electric cars.
- It is equipped with Type 2 connectors that operate at charging stations.

(Pin Layout Chart)



# TYPE 2 IEC 62196-2 MALE TO TYPE 2 FEMALE EV CHARGING CABLE MODE-3

SPECIFICATIONS				
Part Code	JTCCM3T2T23P1A05-2	JTCCM3T2T21P1A05-2	JTCCM3T2T23P1A05-1	JTCCM3T2T21P1A05-1
Plug A End	Type-2 Female EV Side	Type-2 Female EV Side	Type-2 Female EV Side	Type-2 Female EV Side
Plug B End	Type-2 Male EVSE Side	Type-2 Male EVSE Side	Type-2 Male EVSE Side	Type-2 Male EVSE Side
Standard	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2
Contact Resistance	0.5m ohm Max	0.5m ohm Max	0.5m ohm Max	0.5m ohm Max
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0
Impact Insertion Force	>300N	>300N	>300N	>300N
Insulation Resistance	>1000Mohm (DC500V)	>1000Mohm (DC500V)	>1000Mohm (DC500V)	>1000Mohm (DC500V)
No of Phase	Three	Single	Three	Single
Nominal Conductor Size (Sq. mm)	5 Core x 6 Sq. mm 2 Core x 0.5 Sq. mm	3 Core x 6 Sq. mm 2 Core x 0.5 Sq. mm	5 Core x 2.5 Sq. mm 2 Core x 0.5 Sq. mm	3 Core x 2.5 Sq. mm 2 Core x 0.5 Sq. mm
Operating Temperature	-30C to +65C	-30C to +65C	-30C to +65C	-30C to +65C
Operation Voltage	480V	100-250V	480V	100-250V
Overall Wrapping	Non-Woven Fabric, 25 % Overlap Min.	Non-Woven Fabric, 25 % Overlap Min.	Non-Woven Fabric, 25 % Overlap Min.	Non-Woven Fabric, 25 % Overlap Min.
Protection Degree	IP65 (Working Condition)	IP65 (Working Condition)	IP65 (Working Condition)	IP65 (Working Condition)
Rated Current	32A	32A	16A	16A
Sealing gasket	Rubber or silicon rubber	Rubber or silicon rubber	Rubber or silicon rubber	Rubber or silicon rubber
Shell material	Thermoplastic ( Insulator inflammability UL94 VO)	Thermoplastic ( Insulator inflammability UL94 VO)	Thermoplastic ( Insulator inflammability UL94 VO)	Thermoplastic ( Insulator inflammability UL94 VO)
Temperature Resistance	<50K	<50K	<50K	<50K
Mating Cycles	>10000	>10000	>10000	>10000
Contact Pin	Copper Alloy, Silver or Nickel Plating	Copper Alloy, Silver or Nickel Plating	Copper Alloy, Silver or Nickel Plating	Copper Alloy, Silver or Nickel Plating
Shell material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Sealing gasket	Rubber or silicon rubber	Rubber or silicon rubber	Rubber or silicon rubber	Rubber or silicon rubber
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0
Outer Sheathing	20.0 ± 0.50 mm	15.0 ± 0.50 mm	15.0 ± 0.50 mm	10.0 ± 0.50 mm
Cable Length	5 Meter	5 Meter	5 Meter	5 Meter