



INLINE® EV CAR CHARGING CABLE

11kW Type2, 3-phase

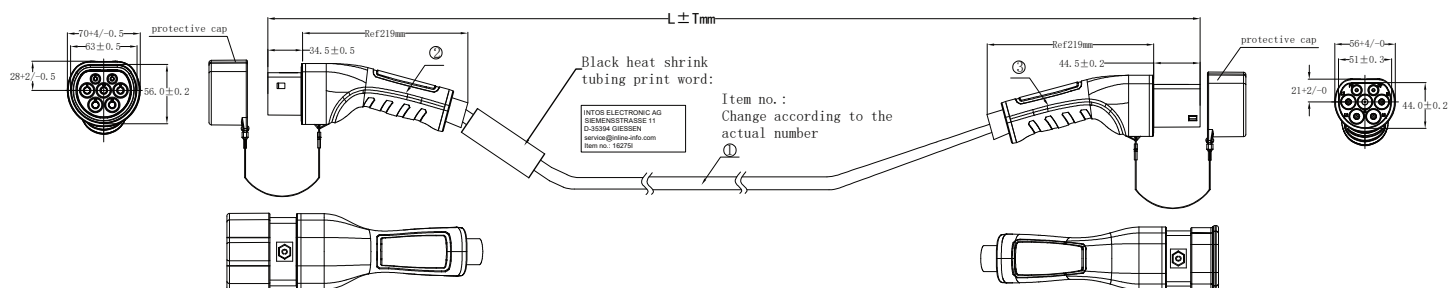
This EV car charging cable from InLine is suitable for charging all vehicles with the type 2 plug standardised in Europe for charging processes up to 11kW (16A). You can use it to easily connect your electric or hybrid vehicle to public charging stations or wallboxes with charging sockets. Particularly robust and manufactured to a high standard, the 3-phase cable is designed for long-lasting use in different environments and weather conditions. The cable is protected against dust and water. The couplings have protective caps as standard to reliably prevent soiling and moisture inside.

- Car charging cable with type 2 (IEC EN 62196) connection
- Suitable for fully electric vehicles (EV) and hybrid vehicles (PHEV)
- The 3-phase cable offers charging power of up to 11kW (16A three-phase current) and is also downward compatible for single-phase charging. This means you can also use this cable to charge the vehicle with 1-phase up to 3.7kW and 2-phase up to 7.4kW.
- Suitable for a charging capacity of up to 11kW (16A)
- Suitable for electric vehicles and plug-in hybrids with type 2 and CCS2 charging inputs, NOT compatible with type 1, CCS1, CHAdeMO, TESLA Supercharger and GB/T charging points.
- Incl. storage bag with hook-and-loop straps and eyelets for safe transport in the car boot
- TPU cable H07BZ5-F, suitable for outdoor use -30 to +50°C, halogen-free and low-smoke, UV and oil-resistant
- IP65/54 certification to ensure a high level of dust-tightness and protection against splash water (IP65 when plugged in, IP54 when unplugged with cover caps)

Item No.	Length	EAN
162721	2.5 m	4043718348909
162751	5 m	4043718316427
162771	7.50 m	4043718316434
162701	10 m	4043718348916

Technical Data	
Article height:	6.5 cm
Article width:	7 cm
Colour:	Black
Design:	3-phase 11kW
Operation temperature:	-30 bis +50 °C
Outer diameter:	16.8 mm
Side A:	Type 2 plug male (car charger cable)
Side B:	Type 2 plug female (car charger cable)
Signal:	Power
Special feature:	IP65
Type:	Car charger cable
Type of packaging:	Poly bag without Euro perforation

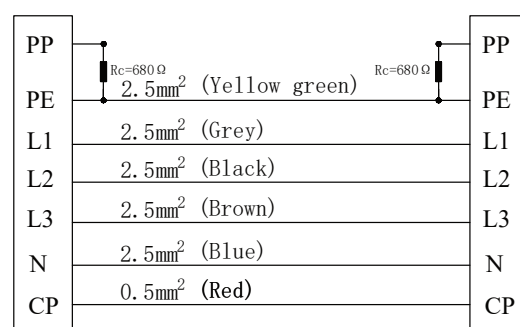




NOTE:

1. Rated voltage :480V AC
2. Rated current:16A
3. Operating temperature:From -30°C to +50°C
4. Insulation resistance:>1000MΩ
5. leakage current:<5mA
6. Protection class:Mated:IP65, Unmated:IP54
7. Mechanical life:>10000 times
8. Insertion force:<100N
9. Marking: **▲** EVC H07BZ5-F 5G2.5+1×0.5 450/750V EN 50620 GUANGXI MEIDISEN AUTOMOBILE TECHNOLOGY CO., LTD.
10. Compatible with electric vehicles (EV) and plug-in hybrid vehicles (PHEV) that have a CCS2 or Type 2 charging connection and can be charged with alternating current
11. RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant;REACH 1907/2006/EC compliant.
12. Flame retardant(IEC 60332-1)
13. Halogen free(IEC 60754-1/2)
14. Oil resistant(IEC 60811-404)
15. Acid-proof alkaline(IEC 60811-404)
16. UV resistant(IEC 50289-4-17)
17. Low-temperature impact(IEC 60811-506)
18. Water absorption (IEC 60811-402)
19. Hydrolysis resistant(IEC 60811-2-1)
20. Packing:lpc/ carry-bag/ brown box/ label

Wiring diagram



Female Connector



Male Connector



MATERIAL LIST:

③	Type2	Charging station end plug 7pos	1	
②	Type2	Vehicle end plug 7pos	1	
①	Cable	2.5mm ² (80/0.195BC)*5C+0.5mm ² (26/0.155BC)*1C+F+Non-woven fabric+TPU Black OD:13.5±0.3mm	L±T	
NO.	PARTS NAME	SPECIFICATION DESCRIPTION	QT' Y	REMARK
Gao	Arvin	ADD THE ITEM ▲	2025-12-08	A1
		NEW	2023-07-18	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

Item no.	Length (mm)
16272I	2500±50mm
16275I	5000±100mm
16277I	7500±150mm
16270I	10000±200mm

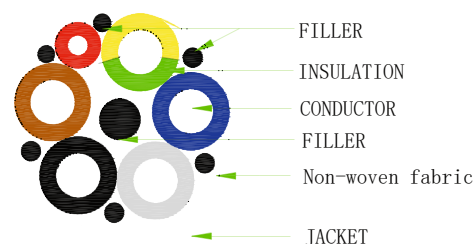
SPECIFICATIONS

TITLE: 2.5mm² (80/0.195BC)*5C+0.5mm² (26/0.155BC)*1C+F+Non-woven fabric+TPU Black

ITEMS		UNIT	A (5C)	B (1C)
CONDUCTOR	SIZE	mm ²	2.5mm ²	0.5mm ²
	CONSTRUCTION	PCS/mm	80/0.195±0.008mm	26/0.155±0.008mm
	MATERIAL	/	BC	BC
	PICKS	mm	S=41.0mm Max	S=22.0mm Max
INSULATION	MATERIAL	/	XLPO EN50620	XLPO EN50620
	DIA.	mm	3.5±0.15mm	2.1±0.1mm
	COLOR	/	Brown、Blue、Black、Grey、Yellow/Green (Green30%-50%)	Red
	CONCENTRIC	%	≥85%	≥85%
	NOM. THICKNESS/MIN. THICKNESS	mm	0.70mm/0.53mm min	0.50mm/0.35mm min
TWIST	CONSTRUCTION	/	5C+1C S=200±10mm	
	NON-WOVEN FABRIC	mm u	35±0.5mm 80±20u	
	OVERLAPPING	%	30% MIN	
	FILLER	/	12000D PP cable*6PCS+30000D PP cable*1PC	
	FILLER	/	/	
	ELECTRIC	/	/	
	DRAIN	/	/	
	DIA.	mm	9.85±0.20mm	
BRAID	CONSTRUCTION	mm	/	
	PICKS	mm	/	
	DIA.	mm	/	
JACKET	MATERIAL	/	BK68A-TPU Black 85A EN50620	
	DIA.	mm	13.5±0.30mm	
	NOM. THICKNESS/MIN. THICKNESS	mm	1.20mm/0.92mm min	
	MARKING	/	▲ EVC H07BZ5-F 5G2.5+1×0.5 450/750V EN 50620 GUANGXI MEIDISEN AUTOMOBILE TECHNOLOGY CO., LTD.	

NOTE:

RATED VOLTAGE	450/750 V
RATED TEMPERATURE	-40~90℃
CONDUCTOR DC RESISTANCE (20℃)	IEC 60245-2
INSULATION RESISTANCE	IEC 60245-2
WITHSTAND VOLTAGE TEST	IEC 60245-2
INSULATION TENSILE STRENGTH	IEC 60811-501 IEC 60811-401
INSULATION ELONGATION AT BREAK	IEC 60811-501 IEC 60811-401
SHEATH TENSILE STRENGTH	IEC 60811-501 IEC 60811-401
SHEATHED ELONGATION AT BREAK	IEC 60811-501 IEC 60811-401
OIL RESISTANT TEST	IEC 60811-404
ACID-PROOF ALKALINE TEST	IEC 60811-404
LOW-TEMPERATURE IMPACT	EN 60811-506
FLAME RETARDANT TEST	IEC 60332-1-2
UV RESISTANCE TEST	EN 50289-4-17



RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant; REACH 1907/2006/EC compliant.

If you have any further questions, please contact marketing@inline-info.com

www.inline-info.com/en/

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