INLINE® EV CAR CHARGING CABLE

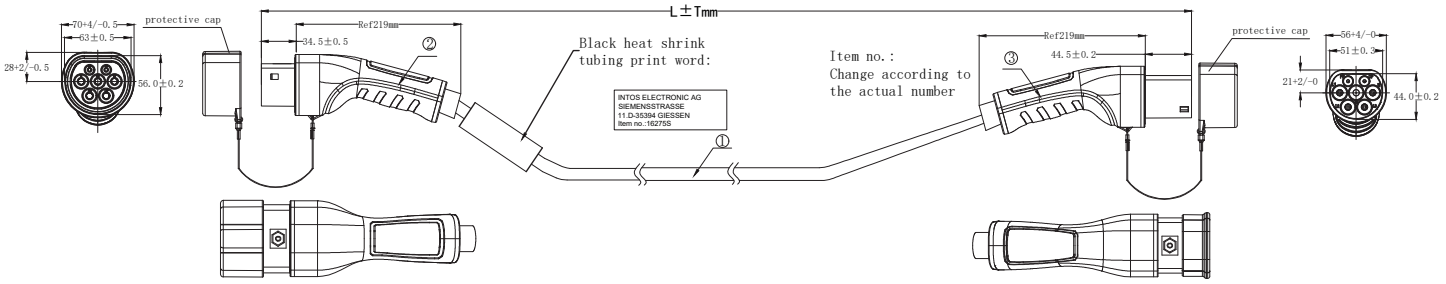
22kW Type2, 3-phase

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 22kW (32A). 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 charger cable with type 2 (IEC EN 62196) connection
- Suitable for fully electric vehicles (EV) and hybrid vehicles (PHEV)
- 3-phase alternating current charging cable, can also charge 1-phase (backwards compatibility)
- Suitable for a charging power of up to 22kW (32A)
- Compatible with all common car brands as well as vehicles with CCS connection sockets
- Incl. storage bag with hook and loop straps and eyelets for safe transport in the 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)

Technical Data	
Article height:	6.5 cm
Article width:	7 cm
Colour:	Black
Design:	3-phase 22kW
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:	InLine® carton without Euro perforation

Item No.	Length	EAN
16285I	5 m	4043718316441
16287I	7,50 m	4043718316458

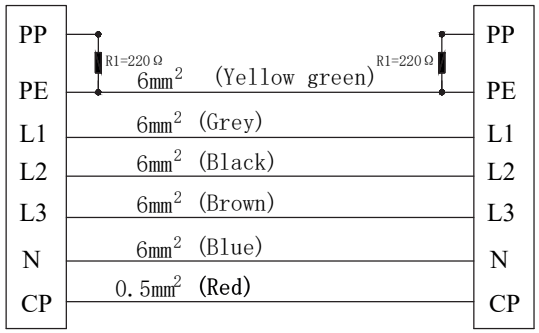


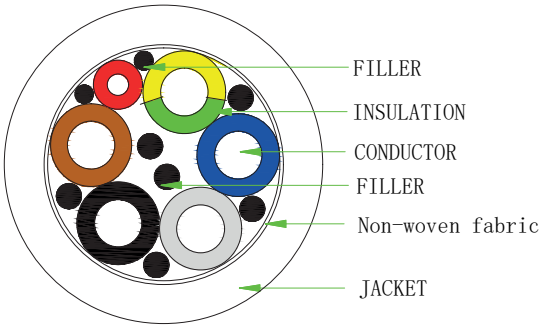
NOTE:

1. Rated voltage :480V AC
2. Rated current:32A
3. Operating temperature:From -30℃ to +50℃
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 5G6+1×0.5 450/750V EN 50620 GUANGXI MEIDESEN AUTOMOBILE TECHNOLOGY CO.,LTD.
10. Compatible with electric vehicles (EV) and plug-in hybrid vehicles (PHEV) that have a CCS or Type 2 charging connection and can be charged with alternating current
11. RoHS 2.0 and REACH Compliant
12. Flame retardant(IEC60332-1)
13. Low smoke(IEC 61034)
14. Halogen free(IEC 60754-2)
15. OIL resistant(IEC 60811-404)
16. Packing:1pc/ PE bag/ Carry-bag/ brown box+label

NO.	PARTS NAME	SPECIFICATION DESCRIPTION	QT'Y
③	Type2	Charging station end plug 7pos	1
②	Type2	Vehicle end plug 7pos	1
①	Cable	6MM²(180/0.2BC)*5C+0.5MM²(26/0.155BC)*1C+F+NON-WOV EN FABRIC+TPU BLACK OD:16.8±0.3mm	L±T

Wiring diagram





ITEMS		UNIT	A(5C)	B(1C)
CONDUCTOR	SIZE	mm²	6mm²	0.5mm²
	CONSTRUCTION	PCS/mm	180/0.2±0.008mm	26/0.155±0.008mm
	MATERIAL	/	BC	BC
	PICKS	mm	S=60.0mm Max	S=22.0mm Max
INSULATION	MATERIAL	/	XLPO EN50620	XLPO EN50620
	DIA.	mm	4.7±0.15mm	2.1±0.15mm
	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*2PCS+30000D PP cable*6PCS	
	FILLER	/	/	
	ELECTRIC	/	/	
	DRAIN	/	/	
	DIA.	mm	12.94±0.20mm	
BRAID	CONSTRUCTION	mm	/	
	PICKS	mm	/	
	DIA.	mm	/	
JACKET	MATERIAL	/	BK68A-TPU Black 85A EN50620	
	DIA.	mm	16.8±0.30mm	
	NOM. THICKNESS/MIN. THICKNESS	mm	1.40mm/1.09mm min	
	MARKING	/	⚠EVC H07BZ5-F 5G6+1×0.5 450/750V EN 50620 GUANGXI MEIDESEN AUTOMOBILE TECHNOLOGY CO.,LTD.	

RoHS 2.0 and REACH Compliant

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
INSUL ATION 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

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