

SPIRAL CHARGING CABLE

TYPE 2, MODE 3, 32A, 1-phase, 5m | ITEM NO.: 5555933002
FOR CHARGING ELECTRIC AND HYBRID CARS

>> **THE SPIRAL CHARGING CABLE FROM LAPP** with 5m extension length allows easy and fast charging at public charging stations and wall boxes. Vehicles can be charged with a single-phase 32A supply, a much faster process than with a common 16A charging cable. Thanks to the standardised Type 2 connector, it can be used throughout Europe. The robust design and the silver-plated corrosion resistant contacts ensure optimum power transmission and give the charging cable a long service life.



ADVANTAGES AT A GLANCE

- Charges twice as quickly as the common 16A 1-phase charging cable
- Ergonomic solid rubberised connector/coupling design
- Silver-plated contacts for optimum power transmission and longevity
- Complies with all relevant VDE and IEC product requirements
- Perfect compatibility with standard wall boxes
- Robust design

INCLUDED IN DELIVERY

- Charging cable for public charging stations and wall boxes, 1-phase
- Operating instructions

TECHNICAL INFORMATION

- Type 2 connector design in compliance with IEC standard makes the charging cable usable throughout Europe.
- Transmission of charging currents up to 32A per phase. This allows 1-phase charging procedures up to 7.4kW (depending on vehicle)

TECHNICAL DATA

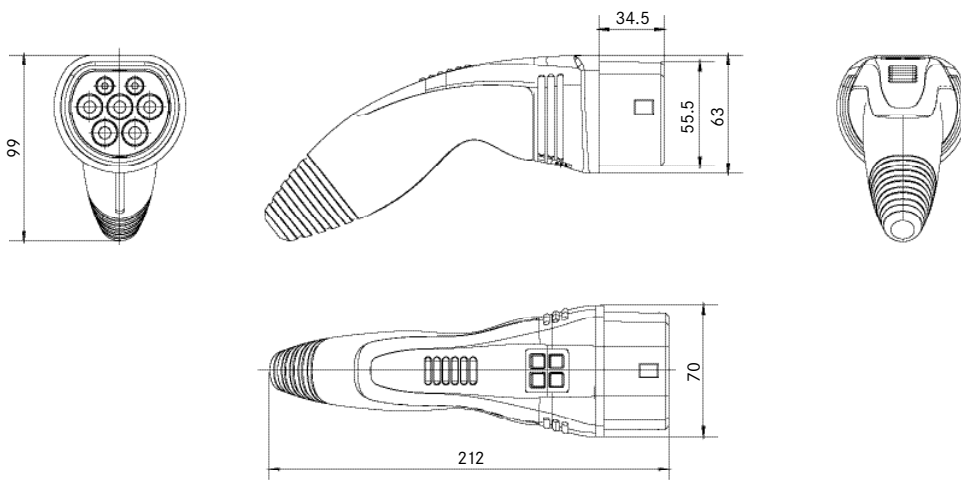
- Connections: Type 2 on both sides
- Charging mode: Mode 3
- Extension length: 5.0metres spiralled
- Protection type IP44
- Halogen-free
- Flame-retardant
- Oil-resistant
- Temperature resistant: -30°C to +50°C
- Maximum charging capacity: 7.4kW

DATA SHEET

SPIRAL CHARGING CABLE

ITEM NO.: 5555933002

SPIRAL CHARGING CABLE M3 T2P/T2C S 32A 1P 5000



Cable properties

Cable design	Spiralled
Cable construction	ÖLFLEX® CHARGE 3G 6mm ² + 0.5
Cable designation	LAPP Kabel Stuttgart ÖLFLEX® CHARGE EVC 750/450 VAC EN 50620
Cable colour	Orange RAL 2003
Cable construction	PP extruded D 13.2 +/- 0.2mm
Version	1-phase plus signal cable

Connector/coupling

Type 2 coupling Heavy Duty line	Power contacts (L1, N, PE) 240V-415V
Type 2 connector Heavy Duty line	Power contacts (L1, N, PE) 240V-415V
Connector/coupling signal contacts	2A (CP, PP) 30V DC
Contact surface	5-6µm Ag-coated
Isolation voltage	500V
Coding resistor between PP and PE	220 Ohm +/- 1%; 1W
Contact resistors	Improved electrical design due to additional soldering
Connector/coupling design	2K moulding (hard/soft)
Connector/coupling materials	Hard component PA 30%; soft component TPE
Connector/coupling logo	LAPP e-Mobility
Type 2 coupling cap	Protective cap with Velcro
Maximum charging current	32A 1ph AC
Connector/coupling colour	Orange/black

General properties

Protection type	IP44 plugged in or with protective cap IP20 unplugged and without protection cap IP67 within potting compound
Standard	IEC 62196-1; IEC 62196-2; IEC 61851-1
Approvals	VDE certified and CE compliant
Directives	2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS), 215/863/EU



Lapp Mobility GmbH
Stuttgart Headquarters
Oskar-Lapp-Str. 2 · D-70565 Stuttgart
Phone: +49 711 7838 - 04
Fax: +49 711 7838 - 3520
www.lappmobility.com