

HELIX[®] CHARGING CABLE

TYPE 2, MODE 3, 32A, 1-phase, 5m | ITEM NO.: 5555932002
FOR CHARGING ELECTRIC AND HYBRID CARS

>>> THE HELIX[®] CHARGING CABLE FROM LAPP with 5m extension length allows easy and fast charging at public charging stations and wall boxes. The HELIX[®] makes it easier for users to handle the cable when charging their vehicle. Thanks to its shape memory, the cable automatically reverts to its original shape after charging. This means that users don't have to spend time rolling it up by hand and the cable is quick and safe to store away. The advantage of this solution is obvious - easy operation, less susceptibility to dirt and a durable cable. 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 durability
- Complies with all relevant VDE and IEC product requirements
- 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. 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
- Length: 5.0metres. HELIX[®] cable
- Protection type IP44
- Halogen-free
- Flame-retardant
- Oil-resistant
- Temperature resistant: -30°C to +50°C
- Maximum charging capacity: 7.4kW

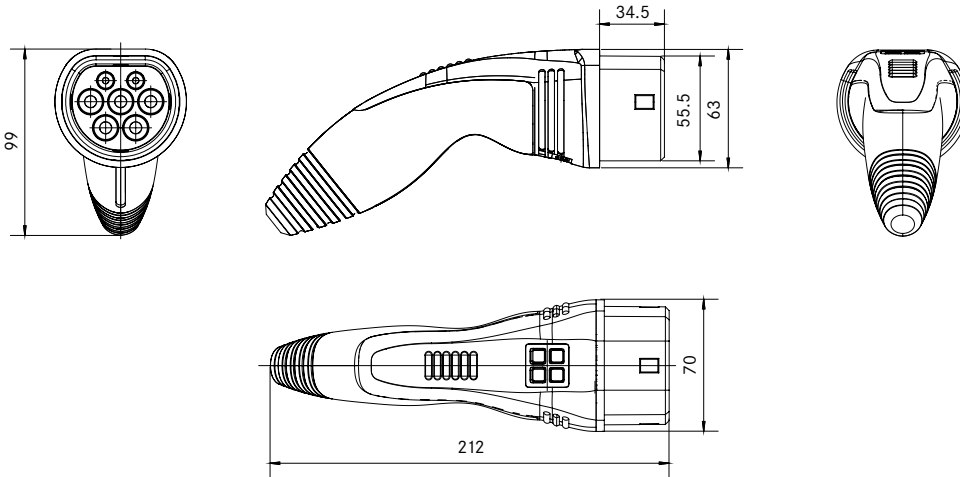


DATA SHEET

HELIX® CHARGING CABLE

ITEM NO.: 5555932002

HELIX® CHARGING CABLE CHARGE M3 T2P/T2C H 32A 1P 5000



Cable properties

Cable design	Helixed
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+/- 0.3mm
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
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



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