UNIMA CABLE

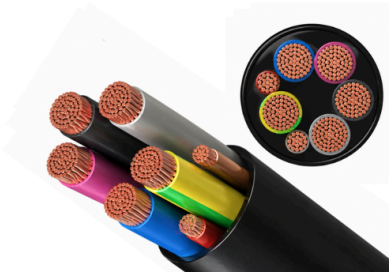
WE POWER ENERGY.
WE RECOMMEND QUALITY.

UNIMA CABLE | EV CHARGING CABLES

H07BZ5-F

TECHNICAL DATA SHEET

H07BZ5-F | Halogen-Free Flexible EV Charging Cable | 450/750 V | Mode 2 & Mode 3



450/750 V
Rated Voltage

Class 5 Copper
Conductor

EPR
Insulation

Special TPU
Outer Sheath

PRODUCT DESCRIPTION

H07BZ5-F is a halogen-free flexible electric vehicle charging cable rated 450/750 V, designed for Mode 2 and Mode 3 charging applications.
The cable features Class 5 fine-stranded bare copper conductors, EPR insulation, integrated control/pilot cores and a special black TPU outer sheath.
Suitable for indoor and outdoor charging applications, with resistance to UV radiation, oil and ozone.

CABLE CONSTRUCTION

Conductor	Bare Copper, Class 5
Power Insulation	EPR
Pilot Core	0.5 mm², Insulated
Core Identification	HD 308
Core Wrapping	Fleece
Outer Sheath	Special TPU
Sheath Colour	Black

TECHNICAL DATA

Cable Type	H07BZ5-F
Rated Voltage	450/750 V
Test Voltage	2.5 kV
Conductor	Bare Copper, Class 5
Insulation	EPR
Outer Sheath	Special TPU
Max. Conductor Temp.	+90°C
Charging Modes	Mode 2 / Mode 3

STANDARDS

- EN 50620:2017+A1
- IEC 62893-3:2017
- VDE 0285-620
- EN/IEC 60228
- IEC 60332-1-2
- EN 60811-404
- EN 50396

APPLICATIONS

- EV Charging – Mode 2
- EV Charging – Mode 3
- Indoor & Outdoor Use
- Flexible Charging Connections

TECHNICAL NOTES

Flexible halogen-free EV charging cable.
Suitable for indoor and outdoor use.
UV, oil and ozone resistant.
Dimensions and weights are approximate.
TÜV certification applies to specified configurations only.

Andrije Kačića Miošića 19
10000 Zagreb, Croatia

+385 1 4826 338
+385 99 223 9113
info@unima-cable.com
www.unima-cable.com

UNIMA CABLE

AVAILABLE CABLE DIMENSIONS

Cable Size (mm²)	Resistance 20°C (Ω/km)	Current Rating (A)	Diameter (mm)	Weight (kg/km)
5G2.5+0.5 BK	7.98	20	12.7	222
5G6+0.5 BK	3.3	38	16.5	429

Andrije Kačića Miošića 19
10000 Zagreb, Croatia
+385 1 4826 338
+385 99 223 9113
info@unima-cable.com
www.unima-cable.com