

DESCRIPTION

Electric charging cable compliance to EN standard, application to most of the regions
 High mechanical performance
 Excellent weather ability
 Good resistance against chemicals
 Oil resistance against IRM902

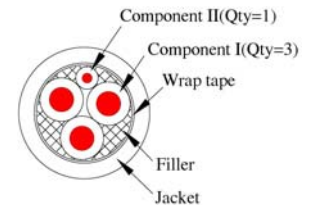
3x6mm² + 1x0.5mm² Bare Copper EN 450V/750V

STANDARDS

EN 50395, EN 50396, EN 50525, EN 50620, EN 60332-1-2, EN 60811
 ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductors (3*6mm ² +1*0.5mm ²)	Stranded Bare Copper
Component I (Power cores)	6mm ²
Stranding	434/0.127mm
Nom. Dia.	3.45mm
Component II (Control pilot)	0.5mm ²
Stranding	19/0.18mm
Nom. Dia.	0.9mm
Insulation for component I	XL Polyolefin
Min. Avg. Thickness	0.7mm
Color	White, Black, Green/yellow
Nom. OD.	5.0mm
Insulation for component II	XL Polyolefin
Min. Avg. Thickness	0.6mm
Color	Orange
Nom. OD.	2.2mm
Final Assembly	3*Component I+1*Component II+filler
Wrap type	25% Overlap
Jacket	XL Polyolefin
Min. Avg. Thickness	1.2mm
Color	Black
Nom. O.D.	13.8mm



PRINT LEGEND

BYSON ELECTRONICS EVCZ6 3X6mm² + CP (CC) 1X0.5mm² 450/750V 90°C

ELECTRICAL CHARACTERISTICS (at +20°C)

Min. Insulation Resistance	6mm ² : 499MΩ.km 0.5mm ² : 859MΩ.km
Voltage Withstand	3500 VAC/5min
Max. Conductor DC Resistance	6mm ² : 3.3Ω/km

0.5mm²: 39Ω/km

OTHER CHARACTERISTICS

Voltage Rating	450/750V
Working Temperature	-40°C ~90°C
Min. installation and handing	-25°C
Current carrying capacity (6mm ²)	38A@30°C Ambient

HISTORY

May 26, 2016 First Issue

Draft