

## 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

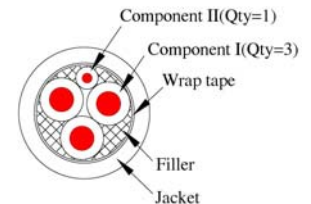
3x4mm<sup>2</sup> + 1x0.5mm<sup>2</sup> Bare Copper EN 450V/750V

## STANDARDS

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

## CABLE CONSTRUCTION

Conductors (3*4mm <sup>2</sup> +1*0.5mm <sup>2</sup> )	Stranded Bare Copper
Component I (Power cores)	4mm <sup>2</sup>
Stranding	308/0.127mm
Nom. Dia.	2.92mm
Component II (Control pilot)	0.5mm <sup>2</sup>
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.	4.45mm
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	1.1mm
Color	Black
Nom. O.D.	12.3mm



## PRINT LEGEND

BYSON ELECTRONICS EVCZ6 3X4mm<sup>2</sup> + CP (CC) 1X0.5mm<sup>2</sup> 450/750V 90°C

## ELECTRICAL CHARACTERISTICS (at +20°C)

Min. Insulation Resistance	4mm <sup>2</sup> : 579MΩ.km 0.5mm <sup>2</sup> : 859MΩ.km
Voltage Withstand	3500 VAC/5min
Max. Conductor DC Resistance	4mm <sup>2</sup> : 4.95Ω/km

0.5mm<sup>2</sup>: 39Ω/km

## OTHER CHARACTERISTICS

Voltage Rating	450/750V
Working Temperature	-40°C ~90°C
Min. installation and handing	-25°C
Current carrying capacity (4mm <sup>2</sup> )	30A@30°C Ambient

## HISTORY

May 26, 2016 First Issue

Draft