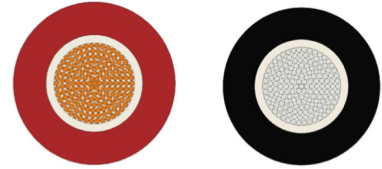


## BATTERYCABLE

### BATTERYCABLE:

1 x10 mm<sup>2</sup>, 1 x16 mm<sup>2</sup>, 1 x25 mm<sup>2</sup>, 1 x35 mm<sup>2</sup>, 1 x50 mm<sup>2</sup>, 1 x70 mm<sup>2</sup>,  
1 x95 mm<sup>2</sup>, 1 x120 mm<sup>2</sup>



## CONSTRUCTION

Conductor Stranded Annealed Copper (Class 6)  
Insulation PVC (Polyvinyl Chloride)  
Sheath NPVC (RAL 3000 Red / RAL 9005 Black)

	Article number	Quadrature [mm <sup>2</sup> ]	Intersection [mm]	max R [Ω/km]	weight copper [kg/km]	weight cable [kg/km]
Cable diameter (± 5%)	9530016/r/z	16	9,10	1,21	139	201
	9530025/r/z	25	10,40	0,79	208	285
	9530035/r/z	35	11,30	0,544	298	379
	9530050/r/z	50	13,30	0,386	426	533
	9530070/r/z	70	15,30	0,272	609	744
	9530095/r/z	95	17,40	0,206	805	972
	9530120/r/z	120	19,60	0,161	1034	1239

Bending Radius: minimal 8x external diameter

## CABLE MARKING

DGR [LOT NO] DGR [DISCRIPTION] CE RoHS MM/YY [METER MARK]

## TECHNICAL AND ELECTRICAL PROPERTIES (20 °C)

Operating Voltage : 0.6 / 1 kV  
Test Voltage : 3.5 kV  
Temperature Range : -30 °C + 70 °C  
Installation temperature : -5 °C + 50 °C  
Flame Propagation : IEC 60332-1-2, IEC 60332-3-24

When cables are bundled or put through a cable tray the cables has to perform according to the stricter requirements of the IEC 60332-3.

In case of a fire the cables fulfil a smaller role in spreading the fire. Together with fire retardant materials during construction can cable help creating a safer environment.