

**CABLE SOLUTIONS  
FOR AUTOMOTIVE AND E-MOBILITY**

## EXTRA FLEXIBLE BATTERY CABLES

# FLEXBAT® ST

## -15°C to +70°C



- 1 • Extra flexible bare copper core - class 6 according to IEC 60228
- 2 • Extra flexible PVC insulation

### Approvals - standards

- IEC 60228
- Flame retardant:  
IEC 60332-1-2

### Applications

- Extra flexible cables  
for car battery and battery chargers

### Characteristics

- Operating voltage: 450 / 750 V
- Excellent flexibility

### Colour code

Red and black  
(others on request)

### Option

- Extra flexible tinned copper core

Nominal Cross section (mm <sup>2</sup> )	Class 6	Specific wall	Bare copper	Approx. linear weight (kg / km)
	Number of strands & strand diameter nom. / nom. (nb. x mm)	Outside cable diameter nom. (mm)	Maximum linear resistance at 20°C (Ω / km)	
4	224 x 0.15	4.3	4.95	47
6	192 x 0.20	4.8	3.30	65
10	318 x 0.20	6.2	1.91	114
16	516 x 0.20	7.4	1.21	170
25	798 x 0.20	9.5	0.780	296
35	1,120 x 0.20	10.6	0.554	340
50	1,628 x 0.20	12.9	0.386	520
70	2,257 x 0.20	14.8	0.272	775

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**omerin**  
LES CABLES DE L'EXTREME

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.  
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