



PVC Flexible Battery / Starter Cables

Application

Low voltage single insulated battery / starter cable. Suitable for applications up to 60v, typically utilised in automotive and commercial applications.

Conductor

Bare copper in accordance with BS EN 60228:2005

Sheath

PVC

Voltage rating

60v max DC

Operating temperatures

Cores: -40°C to 105°C as per ISO 6722-1:2011 Class B
Outer Sheathing: -30°C to 70°C

Minimum bend radius

<6x OD

BS softness

*21-24

Flame retardancy

Cores type tested, passed to IEC 60332-1-2

Shore A hardness

*87-89

Cold flex temperature

*-17 °C

Tensile strength @ 500mm/min

*14.4 MPa (IEC 811-1-1) varies

Elongation at break @ 500mm/min

*250% (IEC 811-1-1) varies

Volume resistivity @ 23°C

*1x10¹² ohm m

Environmental statement

AMC take every action possible to ensure we are a sustainable, and environmentally aware manufacturer. **End of life care;** ensure that all cable product is disposed of inline with relevant WEEE Regulations.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Resistance Per Metre at 20°C (Ohms)	Sheath Colour	Reel Sizes (Metres)
934	196/0.40	25	9.7	170.0	0.0008	Black, Red	10, 30, 100
935	315/0.40	40	12.2	300.0	0.0005	Black, Red	10, 30, 50
936	392/0.40	50	13.3	345.0	0.0004	Black, Red	10, 30, 50
937	475/0.40	60	14.6	415.0	0.0003	Black, Red	10, 30, 50

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician.

* Indicates values of the sheathing not the finished cable.