


AMC BATT-FLEX

Application

AMC Standard PVC battery cables are commonly used in applications where extreme flexibility is not required. They are widely utilised on construction sites for temporary power supplies, portable tools, and lighting. These cables are also used in automotive and transport systems for battery leads, jumpers, and charging circuits, as well as in marine vessels for battery bank connections and starter motors. The standard stranded copper conductors provide reliable current-carrying capacity, while the durable PVC sheath offers resistance to oils, chemicals, and fuels, making them suitable for a range of industrial and mobile power applications.

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.

Specification

Voltage	12v/24v – 60v Max DC
Cores	Class 5 Conductor
Sheath	PVC
Operating Temperature	-30° to 70°C
Min Bend Radius	<6x OD

Standards (Compliance / Certification)

BS EN 60228:2005

ISO6722-1:2011

IEC60332.1.2

Part No	Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Max Resistance Per Metre at 20°C (Ohms)	Sheath Colour	Reel Sizes (Metres)
934	196/0.40	25	9.7	170.0	0.000743	Black, Red	10, 30, 100
935	315/0.40	40	12.2	300.0	0.000473	Black, Red	10, 30, 50
936	392/0.40	50	13.3	345.0	0.000368	Black, Red	10, 30, 50
937	475/0.40	60	14.6	415.0	0.000315	Black, Red	10, 30, 50

Typical Applications



BATTERY POWER



INVERTERS



MATERIAL HANDLING



AUXILIARY EQUIPMENT



BATTERY BANKS



TEMPORARY POWER SYSTEMS



STARTER SYSTEMS



BOOSTER/JUMPER CABLES



HEAVY INDUSTRIAL EQUIPMENT (AGRICULTURAL)

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.