



AMC AUTO-CLASSIC

Application

AMC Auto Classic PVC Low Voltage Cables are versatile, general-purpose wiring solutions designed for automotive, marine, and allied industry applications. Cores are manufactured in accordance with BS6862 Part 1:1971, ensuring consistent conductor quality and reliable electrical performance. The cables feature plain copper conductors with durable PVC insulation, providing dependable conductivity and long service life. Suitable for 12V and 24V systems (up to 100V), they operate effectively within a temperature range of -30°C to 70°C. Twin and multicore versions are protected by a robust PVC sheath rated to 70°C, improving mechanical protection and durability. The cables also offer resistance to petrol, diesel, lubricating oils, and diluted acids, making them suitable for demanding environments. Custom core and sheath colour options are available across single, twin, and multicore constructions to support specialised installation requirements.

Specification

Voltage	100v
Cores	Class 5 Conductor
Sheath	PVC
Operating Temperature	-30° to 70°C
Min Bend Radius	<6x OD

Standards (Compliance / Certification)

BS6862 Part 1: 1971

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)	Maximum Loading (Watts)		Maximum Resistance Per Metre at 20°C (Ohms)	Reel Sizes (Metres)
					12 Volts	24 Volts		
1598	9/0.30	0.65	2.5	5.75	69	138	0.0294	50
1600	14/0.30	1.0	2.7	8.75	105	210	0.0189	50
1603	28/0.30	2.0	3.4	17.5	210	420	0.0094	50
1605	44/0.30	3.0	4.2	27.5	330	660	0.006	50
1606	65/0.30	4.5	5.1	35.0	420	840	0.0041	30

Typical Applications



SENSOR AND ACTUATORS



IGNITION SYSTEMS



HARNESS WIRING (PRE 1995)



ENGINE & INSTRUMENT PANELS

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.