DATA SHEET

PVC Ignition Cable (High Tension)

AMC
We simply connect

AMC IGNITION

Application

PVC-insulated ignition cables are commonly used across automotive, marine, industrial, and small petrol powered machinery. In cars, trucks, and buses, they deliver the electrical pulse needed to ignite the fuel–air mixture inside the combustion chamber. Similar cables are used in outboard motors and stationary industrial engines to create the spark required for cylinder ignition. They are also widely found in lawnmowers, chainsaws, and other small equipment because they are cost effective. PVC insulation offers good resistance to oils, chemicals, and moisture, but typically operates between -40°C and 70°C. In hotter engine bays, silicone sheathed cables are often preferred because they tolerate higher temperatures.

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

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Sheath Colours	Reel Sizes (Metres)
74	09 /0.30	0.65	5.1	Black, Red	30, 100
77	21/0.30	1.5	7.0		30, 100

Typical Applications

IGNITION SYSTEMS

LIGHTING & SENSORS

CONTROL PANELS

ROBOTICS

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.