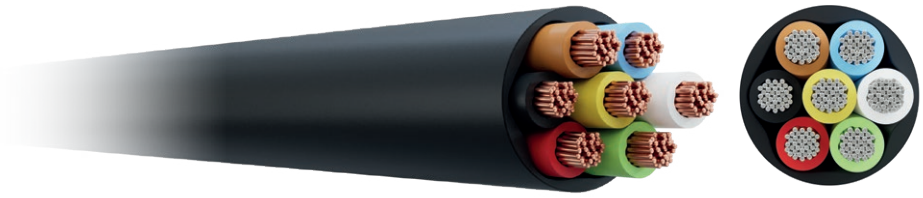
DATA SHEET

Thin Wall 7 Core Auto Cables



AMC AUTO-TW

Application

Low voltage wiring suitable for use across automotive, marine and industrial applications such as wire harnesses. High temperature, flame retardant and chemical resistant sheathing. Reduced insulation wall thickness gives considerable saving in weight and on volume especially in large harness construction. Good resistance to petrol, diesel, lubricating oils & diluted acids, as well as surface abrasion and cut through.

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

ISO19642-7

IEC60332.1.2

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW07/03	7 x 16/0.20	7 x 0.5	6.0	11.0	Black	Black, Red, Green, Yellow, Brown, White, Blue.	30, 100
TW07/01	7 x 24/0.20	7 x 0.75	6.8	14.0	Black		30, 100
TW07/04	7 x 32/0.20	7 x 1.0	7.4	16.5	Black		30, 100
TW07/02	6 x 32/0.20 1 x 28/0.30 (White)	6 x 1.0 1 x 2.0	8.3	16.5 25.0	Black		30, 100
TW07/07	6 x 21/0.30 1 x 35/0.30 (White)	6 x 1.5 1 x 2.5	10.1	21.0 29.0	Grey		30, 100

Typical Applications

HARNESS WIRING

AUXILLARY EQUIPMENT

VEHICLE LIGHTING & SIGNALLING SYSTEMS

SENSOR AND ACTUATORS

TRAILER AND TOWING

ENGINE MANAGEMENT

LIGHTING & SENSORS

SECURITY SYSTEMS

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.