



Thin Wall 2 Core Auto Cables (Flat Twins)

Application

Low voltage wiring suitable for use in automotive, marine and allied industries. High temperature, flame control and chemical resistant sheathing (per ISO 6722-1:2011).

Manufactured standards

Cores manufactured to ISO 6722-1:2011 class B

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

Flame propagation

Cores passed to ISO 6722-1:2011

Flame retardancy

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

Minimum bend radius

<6x OD

Chemical resistance

Resistant to engine coolant, engine oil, salt water, windscreen washer fluid

BS softness

*60-65

Shore A hardness

*64-66

Test report no.

59834/59836/60587

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 Dimensions (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW02/06	2 x 16/0.20	2 x 0.5	2.7 x 4.6	11.0	Black	Black, Red	30, 100
TW02/04	2 x 24/0.20	2 x 0.75	3.1 x 4.9	14.0	Black		30, 100
TW02/01	2 x 32/0.20	2 x 1.0	3.0 x 5.0	16.5	Black		30, 50, 100, 500
TW02/05	2 x 21/0.30	2 x 1.5	3.5 x 5.8	21.0	Black		30, 100
TW02/02	2 x 28/0.30	2 x 2.0	3.9 x 6.5	25.0	Black		30, 50, 100
TW02/07	2 x 35/0.30	2 x 2.5	3.9 x 6.7	29.0	Black		30, 100
TW02/08	2 x 44/0.30	2 x 3.0	4.3 x 7.5	33.0	Black		30, 100
TW02/09	2 x 65/0.30	2 x 4.5	5.6 x 9.4	42.0	Black		30, 100

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 compounds not the finished cable.