

TECHNICAL DATA SHEET

2 CORE FLAT TWIN THIN WALL AUTO CABLES

AM Part No's:- TW02/01, 02/02, 02/04, 02/05, 02/06, 02/07, 02/08, 02/09

Profile:

Thin Wall low voltage multicore wiring cables suitable for use in the automotive, marine and allied industries. Resistant to petrol, diesel, lubricating oils and diluted acids. Suitable for use at temperatures up to 105°C.

Insulation Properties:

Calcium Zinc based insulation compound to ISO6722-2011 Class B

Tensile Strength	24.0 N/mm ²
Elongation at break	300%
Shore "D" Hardness:	56 @ 15 secs
Specific Gravity	1.34g/cc
Thermal Stability	200 mins @ 200°C

Sheath Properties

Easy tear PVC sheathing to BS7655 Type 6

Tensile Strength	9.0 N/mm ²
Elongation at break	260%
Shore "A" Hardness	79
Specific Gravity	1.60g/cc
BS Softness	36
Thermal Stability	70 mins @ 200°C

COPPER STRAND PROPERTIES

Plain Copper wires conforming to BS6360

Part No.	Copper	Cross Section (mm)	Current Rating (amps)	Overall Dim'ns (mm)
TW02/06	2 x 16/0.2	2 x 0.5	11.0	3.5 x 5.5
TW02/04	2 x 24/0.2	2 x 0.75	14.0	3.5 x 5.5
TW02/01	2 x 32/0.2	2 x 1.0	16.5	3.5 x 5.5
TW02/05	2 x 21/0.3	2 x 1.5	21.0	3.8 x 6.6
TW02/02	2 x 28/0.3	2 x 2.0	25.0	3.8 x 6.6
TW02/07	2 x 35/0.30	2 x 2.5	29.0	4.4 x 7.6
TW02/08	2 x 44/0.30	2 x 3.0	33.0	4.4 x 7.6
TW02/09	2 x 65/0.30	2 x 4.5	42.0	5.7 x 9.5