

TECHNICAL DATA SHEET

2 CORE FLAT TWIN PVC AUTO CABLES

AM Part No's:- 1649 - 1655

Profile:

General purpose low voltage Flat Twin 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 70°C.

Manufactured in accordance with BS6862 where applicable.

Insulation Properties:

PVC insulation compound to BS6746 Type TII

Tensile Strength	16.0 N/mm ²
Elongation at break	250%
Shore "A" Hardness:	87
Specific Gravity	1.50g/cc
BS Softness	24
Thermal Stability	90 mins @ 200°C

Sheath Properties

Easy tear PVC sheathing to BS7655 Type 6

Tensile Strength	11.0 N/mm ²
Elongation at break	300%
Shore "A" Hardness	72
Specific Gravity	1.52g/cc
BS Softness	48
Thermal Stability	55 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)
1649	2 x 9/0.3	2 x 0.65	5.75	6.1 x 3.8
1650	2 x 14/0.3	2 x 1.0	8.75	6.5 x 4.0
1651	2 x 21/0.3	2 x 1.5	12.75	7.3 x 4.5
1652	2 x 28/0.3	2 x 2.0	17.50	7.9 x 4.8
1653	2 x 35/0.3	2 x 2.5	21.75	9.1 x 5.6
1654	2 x 44/0.3	2 x 3.0	27.50	9.5 x 5.8
1655	2 x 65/0.3	2 x 4.5	35.00	10.5 x 6.3