

Flat Twin and Earth Electrical Wire

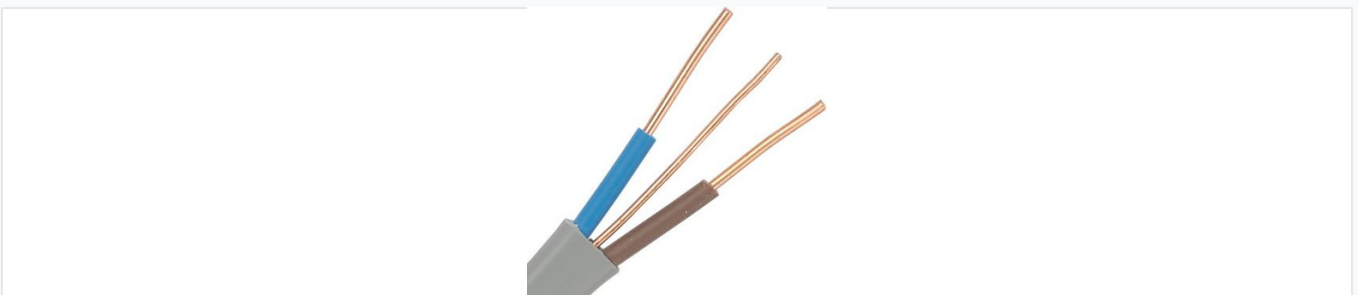
This flat twin and earth electrical wire is designed for fixed installations. It features PVC insulation and sheathing with plain annealed copper conductors.



ADDITIONAL IMAGES



Overview



Flat twin and earth configuration suitable for domestic wiring and power extensions.

BS6004 6242Y Flat Twin and Earth Cable

This BS6004 6242Y Flat Twin and Earth (BVVB) cable is a high-quality solution for domestic and light industrial wiring. Designed for fixed installations in dry or damp premises, it can be clipped directly to surfaces, laid in trays, or housed in conduit where mechanical protection is required. Its flat profile and PVC construction ensure ease of installation for power and lighting circuits.

Technical Specifications

Voltage Rating

300 V
U₀

500 V
U

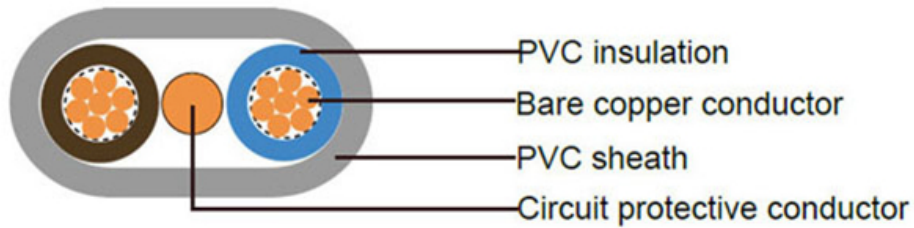
Operating Temperature

-5°C to +70°C

Production Standards

BS 6004, BS 6004 Table 4

Construction Details



Internal structure showing PVC insulation, bare copper conductors, and the circuit protective conductor.

Conductor Class

- Solid Class 1 (1.0-2.5 mm²)
- Stranded Class 2 (4-16 mm²)

Core Colors

Brown • Blue • Bare Earth

Sheath Characteristics

- Material: General PVC
- Color: Grey (Standard), Black, White
- Shape: Flat (Non-circular)

Conductor Material

Plain annealed copper wires

Insulation Material

Polyvinyl Chloride (PVC)

Core Configuration

2 Cores + Bare Earth (Circuit Protective Conductor)

Application & Installation

Recommended Installation

- Fixed installations in dry or damp premises
- Clipped to surface
- On cable trays
- In free air (low mechanical risk)
- In conduit or trunking (for mechanical protection)

Comparison Data

Standard Comparison (BS vs IEC vs AS/NZS)

Feature	BS 6004 (This Product)	IEC 60227	AS/NZS 5000.2
Sheath Color	Grey	White	White
Voltage Rate	300/500V	300/500V	450/750V
Temp Rating	-5°C to +70°C	-5°C to +70°C	-5°C to +90°C
Core Colors	Brown, Blue, Bare	Red, Black, Y/G	Red, Black, Y/G