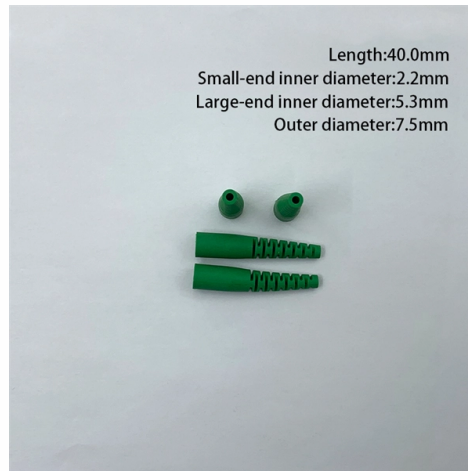


## Kenya Wiring Unit 2 Cores



### Overview

Two Core Flexible Cables – Tronic Kenya Tronic Kenya supplies electrical accessories, LED lighting and switchgear solutions for homes, businesses and contra.

### Key Takeaways

2-core cables in Kenya are available in armored and non-armored types, suitable for lighting, low-load circuits, and power transmission, with various conductor sizes and PVC insulation for safety. Types of 2-Core Cables

1. Armored 2-Core Cables These cables consist of two insulated copper conductors protected by galvanized steel wire armor (SWA) and a durable PVC sheath. They are designed for industrial, commercial, and residential power transmission, offering high mechanical strength and protection against environmental hazards. Armored cables are ideal for outdoor or exposed installations where durability is critical .
2. Non-Armored / Twin Flat 2-Core Cables These are typically flat, flexible cables with two PVC-insulated copper conductors. They are commonly used for indoor lighting, switch connections, and low-load circuits. Non-armored cables are lightweight, easy to install, and suitable for areas where an earth wire is not required .

#### Common Conductor Sizes

- 0.75mm<sup>2</sup>: Suitable for small appliances, indoor lighting, and control panels .
- 1.0mm<sup>2</sup>: Ideal for lighting points and low-power installations where space is limited .



- 1.5mm<sup>2</sup>: Commonly used for general indoor circuits, switches, and low-load power applications .

#### Key Features

- High-Quality Copper Conductors: Ensures excellent electrical conductivity and consistent energy delivery .

- PVC Insulation: Flame-retardant and heat-resistant for safety .

- Flexible Design: Flat or flexible profiles allow easy routing through conduits, trunking, or tight spaces .

- Compliance: Manufactured to meet Kenyan Bureau of Standards (KEBS) and IEC guidelines, ensuring safe performance .

#### Applications

- Residential: Lighting circuits, wall switches, and low-load power points.
- Commercial: Office lighting, inverter backup circuits, and low-power installations.

- Industrial: Armored cables for power distribution in exposed or high-stress environments .

#### Availability in Kenya

2-core cables are widely available in Nairobi, Mombasa, Kisumu, Eldoret, Nakuru, and other major towns. Leading suppliers include TDK Tech Store, Rapidtech Networks, and Tronic Kenya, offering online ordering and delivery . Prices vary depending on cable type, conductor size, and brand, so it is advisable to confirm availability and cost with local distributors. These options provide flexibility for different electrical needs, from simple indoor lighting to robust industrial power transmission.

## Article Content

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### 2.5mm Twin Flat 2-Core PVC Insulated Electrical Cable

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

