

# PVC Insulated Electrical Wire

This single-core PVC insulated wire is suitable for internal wiring of electrical and electronic equipment. It has a voltage rating of 450/750V.



## ADDITIONAL IMAGES



## Overview

### High-Performance PVC Insulated Wire

This 60227 IEC01 (BV) PVC insulated electrical wire is engineered for reliability in both machinery internal wiring and home decoration projects. Constructed with 99.95% oxygen-free copper, it ensures excellent conductivity and durability. The environmental protection PVC insulation offers high insulation resistance and is available in a variety of colors to facilitate easy circuit identification.

## Electrical Ratings

### Rated Voltage

**450 V**

Min Rated Voltage

**750 V**

Max Rated Voltage

### Rated Temperature

70 °C

## Material & Construction

Conductor Material	99.95% Oxygen Free Copper
Insulation Material	Environmental Protection PVC
Available Colors	Red, Yellow, Green, Blue, Black, Yellow/Green

## Technical Specifications

### Standards

GB5023-2008 • IEC60227

### Conductor Specifications

Model	Strands/Diam (mm)	Overall Diam (mm)	Resistance at 20°C (Ω/m)
BV1.5	1/1.38	2.8-3.3	12.1
BV2.5	1/1.78	3.4-3.9	7.41
BV4.0	1/2.24	3.9-4.4	4.61
BV6.0	1/2.76	4.4-4.9	3.08
BV10.0	7/1.35	5.8-6.8	1.83
BV16.0	7/1.70	7.0-8.0	1.15
BV25.0	7/2.14	8.8-9.8	0.727
BV35.0	7/2.52	10.0-11.0	0.524

## Packaging

### Packaging Options

- 100M Roll
- 200M Roll
- Hollow roll
- Wrapped with film