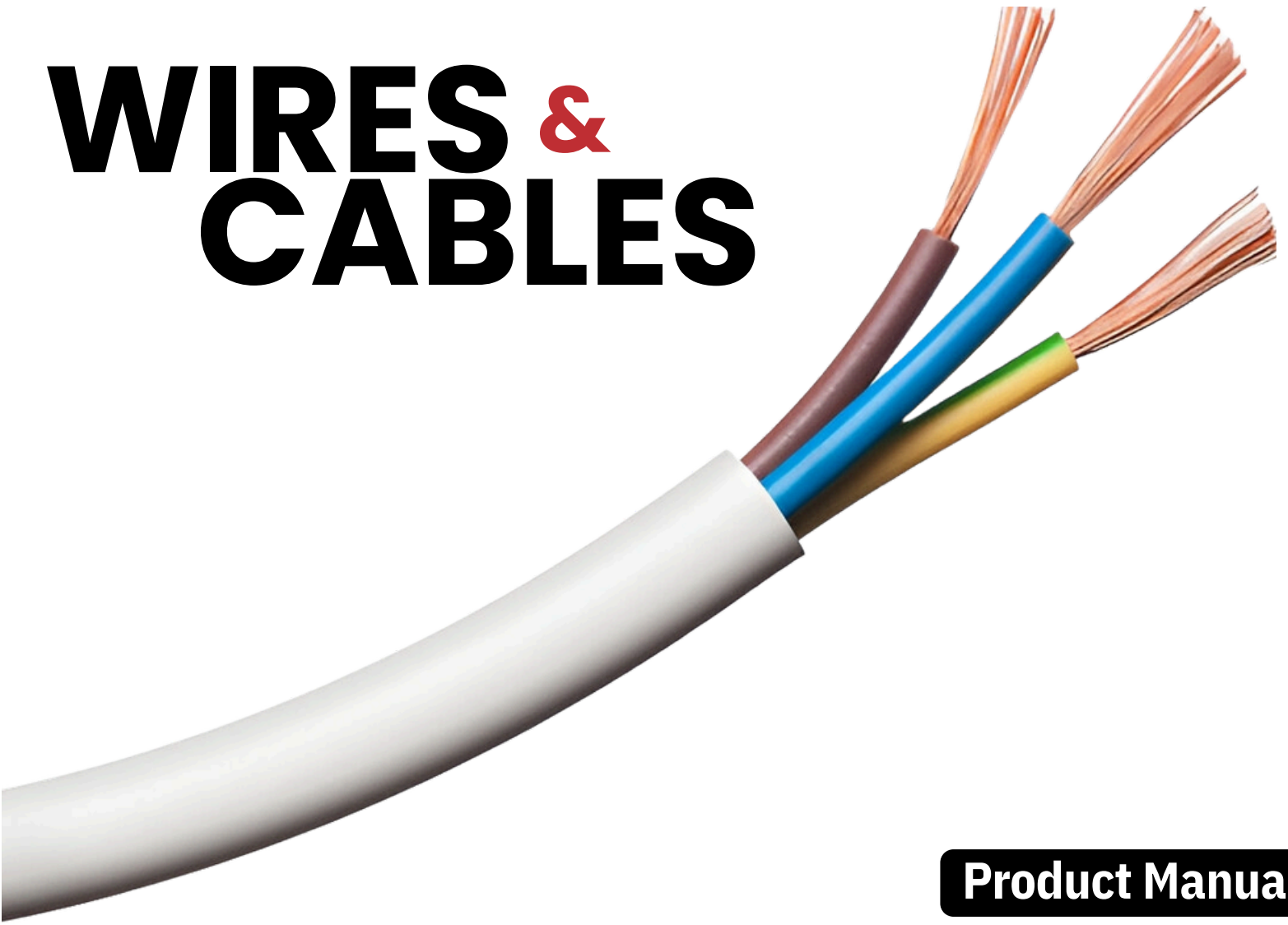
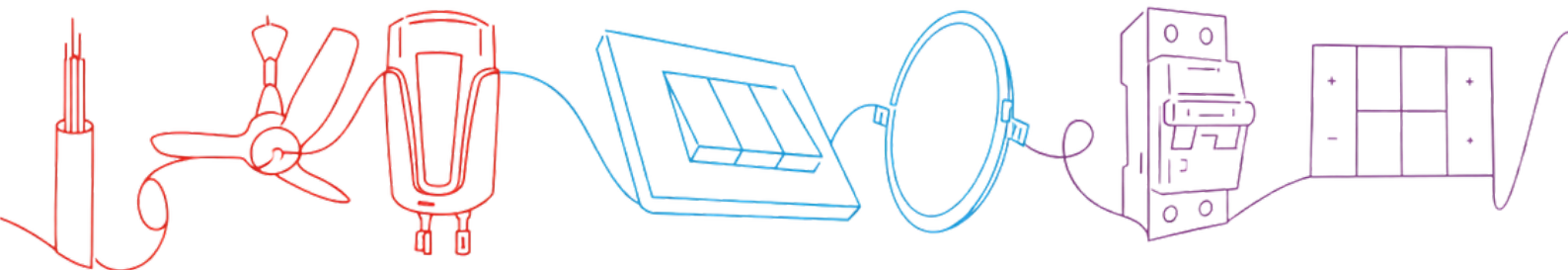


# WIRES & CABLES



**Product Manual**



**Innovation in Every Connection.**

**K7 Kabel India (P) Limited** is an emerging and quality-driven wires and cables company committed to delivering safe, durable and performance-focused electrical solutions for modern homes and commercial spaces.

The company operates under two brand identities – K7 Kabel and K7 Electric – catering to diverse electrical requirements across residential and commercial segments.

Built with a vision to power infrastructure growth across Uttar Pradesh and expanding markets, we focus on manufacturing products that meet defined safety standards, ensure long operational life, and deliver consistent performance under demanding electrical conditions.

With a steadily growing network of dealers and electricians, our brands stand for transparency, dependable supply, and customer-first service. Each product is developed with emphasis on fire safety, energy efficiency, and long-term reliability.

At K7, we believe strong infrastructure begins with strong wiring – and we are committed to building trust through quality, consistency, and responsible business practices.



**Unburnable Strength. Unstoppable Power.**

# **SUPER PLUS UNILAY ZHFR**

## **ZERO HALOGEN FLAME RETARDANT**



**ZHFR (Zero Halogen Flame Retardant) A German Innovation Non-toxic | Does not melt upto 900°C.**

### **Application :**

K7Super Plus (ZHFR) is ideal for fixed and protected installations in all kind of building infrastructure where fire protection is of utmost importance. It is best suited for all public / commercial buildings including Airports, Auditoriums, Hospitals, Hotels, Schools, Malls, Retail-Chain Establishments and all infrastructures having large foot falls. The high-performance, reliability and longevity offered by this product also makes it the best choice for all high-rise buildings.

### **Technical Data :**

**Approvals:** IS 694 marked, FIA/TAC

**Cable Code:** Y (FR)

**Voltage Grade:** Up to and including 1100V

**Conductor:** Flexible electrolytic annealed plain copper, class 5

**Insulation:** UFFR (Ultra Flexible Flame Retardant) PVC

**Packing:** 90 mtrs. Coils packed in protective cartons.

### **Properties**

**Temperature range:** -15°C to +70°C

**Max. short circuit temperature rating:** 160°C

Self-extinguishing and flame retardant according to IS 10810 P-61

Free from 240+ hazardous substance (REACH Compliant)

### **Cable Design Parameters**

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required:

01- green, 02 - black, 03 - red, 04 blue, 05 - yellow, 06 white

# POWER FLEX UFFR

## ULTRA FLEXIBLE FLAME RETARDANT



**UFFR (Ultra Flexible Flame Retardant) insulation 70°C | Hazardous substance free | Does not propagate flame & fire.**

### Application :

Flexible single core cable with Flame Retardant PVC insulation. This cable can be used in panels, cabinets, machines and internal wirings with switchgears, relays, controllers, equipments, controls units, etc.

### Technical Data :

**Approvals:** IS 694 marked, FIA/TAC

**Cable Code:** Y (UFFR)

**Voltage Grade:** Up to and including 1100V

**Conductor:** Flexible electrolytic annealed plain copper, class 5

**Insulation:** UFFR (Ultra Flexible Flame Retardant) PVC

**Packing:** 90 mtrs. Coils packed in protective cartons.

### Properties

**Temperature range:** -15°C to +70°C

**Max. short circuit temperature rating:** 160°C

Self-extinguishing and flame retardant according to IS 10810 P-61

Free from 240+ hazardous substance (REACH Compliant)

### Cable Design Parameters

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required:

01- green, 02 - black, 03 - red, 02 blue, 05 - yellow, 06 white

# POWER PLUS HRFR

## HEAT RESISTANT FLAME RETARDANT



**HRFR (Heat Resistant Flame Retardant ) insulation 70°C | Reduced Smoke and acid gas emission**

### Application :

Flexible single core cable with HR-FR (Heat Resistant Flame Retardant) PVC insulation. This cable can be used in panels, cabinets, machines and internal wirings with switchgears, relays, controllers, equipments, controls units, etc. specially in hazard prone areas. They also find their usage in flexible wiring installations in industrial and commercial areas with dense population.

### Technical Data :

**Approvals:** IS 694 marked, FIA/TAC

**Cable Code:** Y (FR)

**Voltage Grade:** Up to and including 1100V

**Conductor:** Flexible electrolytic annealed plain copper, class 5

**Insulation:** UFFR (Ultra Flexible Flame Retardant) PVC

**Packing:** 90 mtrs. Coils packed in protective cartons.

### Properties :

**Temperature range:** -15°C to +70°C

**Max. short circuit temperature rating:** 160°C

Self-extinguishing and flame retardant according to IS 10810 P-61

Free from 240+ hazardous substance (REACH Compliant)

### Cable Design Parameters

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required:

01- green, 02 - black, 03 - red, 02 blue, 05 - yellow, 06 white

## 3 Core Submersible Flat Cable

### UNDERWATER MOTORS AND PUMPS



The cable's flexibility, durability, and resistance to water ingress make it the most reliable choice for long-term submersible pump operations.

#### Application :

The 3 Core Submersible Flat Cable is specially designed to power submersible pumps in deep wells. Its unique flat construction with PVC-insulated cores and a strong outer sheath ensures high performance, moisture resistance, and long service life even under submerged conditions.

#### Technical Data :

**Approvals:** IS 694 marked, FIA/TAC

**Conductor:** Copper / Aluminium (as per requirement)

**Core Colour:** Black

**Sheath Colour:** Black

**Voltage Grade:** 1100 V (1.1 kV)

**Packing:** Standard packing of 100 mtr. in coils. Longer length available on request.

#### Properties :

**Temperature range:** -15°C to +70°C

**Max. short circuit temperature rating:** 160°C

Self-extinguishing and flame retardant according to IS 10810 P-61

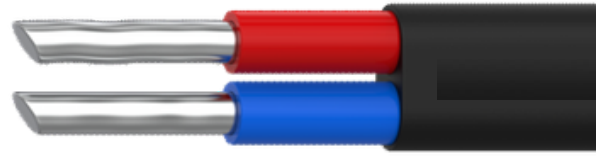
Free from 240+ hazardous substance (REACH Compliant)

#### Features & Benefits

- Flat design for easy installation in borewells
- High flexibility and mechanical strength
- Excellent moisture & abrasion resistance
- Long-lasting performance under submerged conditions
- Flame-retardant insulation for added safety

# Aluminium Cable

## DOMESTIC AND COMMERCIAL WIRING



**The aluminium conductor ensures a cost-effective, lightweight, and corrosion-resistant solution while maintaining reliable electrical performance.**

### Application :

This Aluminium Twin-Core Cable is widely used for power distribution in residential, commercial, and light industrial applications. It consists of two colour-coded insulated aluminium conductors (Red & Blue) with a durable black outer sheath for added protection.

### Technical Data :

**Approvals:** IS 694 marked, FIA/TAC

**Cable Code:** Y (Aluminium)

**Voltage Grade:** 1100 V (1.1 kV)

**Conductor:** Aluminium, solid/stranded (as per size)

**Insulation:** Aluminium Cable

**Packing:** 90 mtrs. Coils packed in protective bag.

### Properties :

**Temperature range:** -15°C to +70°C

### Key Properties:

- Lightweight compared to copper cables
- Cost-effective solution for wiring
- High corrosion resistance
- Good flexibility and mechanical strength
- Flame-retardant insulation for safety

### Cable Design Parameters :

**Conductor Material :** Aluminium (solid/stranded)

**Conductor Size :** 4 sq mm to 10 sq mm



*Switch To Superior Safety*

## K7 KABEL INDIA (P) LIMITED

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