



# SV ELECTRICAL CABLE FOR INDUSTRIAL APPLICATIONS

Earthing cable or Shunt Intercity railways - Work cables

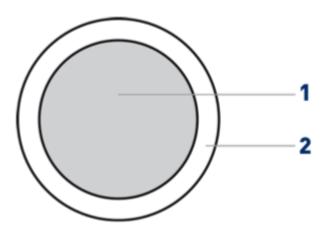
### **BENEFITS**

 Insulation/sheath transparency makes it possible to monitor the condition of the conductor

## **APPLICATIONS**

- Earthing cable, designed to "earth" the catenary when working on it
- Connects the head of the earthing cable to the anchoring clamps on the rails
- Other use: rail shunting device to close the light signals

# **GENERAL CHARACTERISTICS**



- 1. Stranded core, red copper for the 60<sup>2</sup> and tinned copper for the 25<sup>2</sup>
- 2. Crystal polyurethane outer jacket + marking

#### Mechanical

- Extra flexible cable
- Resistant to mineral oils and UV rays
- Mechanically resistant to external stresses

#### Electrical

• Used to evacuate a large short-circuit current in the event of accidental resetting of the catenary power supply during work on the lines

# **RANGE**

| Reference | For catenary powered by | Composition | Cross-sectional<br>area<br>of core<br>(mm2) | composition | Diameter<br>of<br>insulation<br>(mm) | weight | Reel<br>format<br>Length<br>(m) |
|-----------|-------------------------|-------------|---|-------------|--------------------------------------|--------|---------------------------------|
| M3114     | 25 kv alt.              | 1 x         | 25  | 800 x 0,2   | 10,0                                 | 265    | A 500                           |
| U4363     | 1,5 kv<br>cont.         | 1 x         | 60  | 1911 x 0,2  | 13,6                                 | 605    | C 500                           |

• Other formats available on request

# **NORMS AND STANDARDS**

## General standards

- Standard NF F 42-640
- SNCF approved