

SINGLE-CORE RESIN INJECTED TAPE JUNCTION

DESCRIPTION

The resin-injected tape cable junction is a reliable solution for connecting two sections of single-core cables. This device provides a watertight and durable protection against external aggressions, while ensuring high-quality electrical and mechanical insulation.

Designed for low and medium voltage networks, it effectively resists moisture, chemicals, and environmental stresses.



SPECIFICATION

- Nominal voltage: up to 24 kV.
- Cable section range: 10 mm² to 300 mm².
- Electrical properties: Dielectric strength > 18 kV/mm, volume resistivity > 10¹² Ω·cm.
- Operating temperature: -25 °C to +90 °C.
- Perfectly suited for applications requiring high sealing and mechanical resistance.

MATERIAL

- Insulating resin (polyurethane or epoxy bi-component)
- PVC insulating tapes: for insulation and protection.
- Injection casing made of rigid plastic.
- Connection sleeves: made of copper or aluminum.

APPLICATION

- Connection of medium voltage cables (up to 24 kV).
- Indoor or outdoor use.
- Suitable for underground electrical networks, industrial installations, and urban infrastructure.
- Compatible with cables insulated in XLPE, EPR, or PVC.