

Insulation Piercing Wire Connector

Insulation piercing connectors are designed for low voltage aerial cables. These connectors establish electrical connections between bare cables and insulated aluminum or copper cables.



Product Overview

Insulation Piercing Connector

These insulation piercing connectors are designed for low voltage aerial cable applications, allowing for efficient connections between bare main lines and insulated tap lines. The design eliminates the need for stripping insulation, significantly simplifying installation while maintaining electrical integrity. Featuring a specialized shear-head bolt, the connector ensures precise contact pressure for a reliable, waterproof, and corrosion-resistant connection.

Technical Specifications

Model Specifications

Model	Main Conductor (mm ²)	Tap Conductor (mm ²)	Torque (Nm)	Pack (pcs)
JBT35-95/6-35	35-95	6-35	12	20x4
JBT35-120/25-95	35-120	25-95	25	10x4

Compliance Standards

EN 50483-4, NF C 33-020, NF C 33-004

Features

Key Features

- Used for branch connection
- Main line: bare aluminum cable
- Tap line: insulated aluminum or copper cable
- High strength, weather-resistant body
- Shear-head bolt for controlled installation torque
- Waterproof and corrosion-resistant with silicone grease
- Attached end cap prevents loose parts

Installation Safety

No stripping required • Safe installation • Watertightness tested