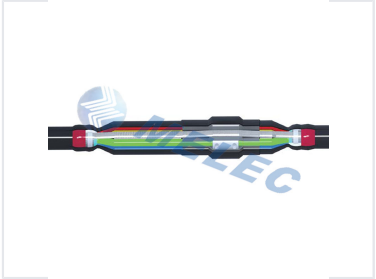
1 kV Heat Shrinkable Straight Joint Kit

This 1 kV heat shrinkable straight joint kit is designed for cables insulated with PVC, XLPE, and PE. It provides excellent sealing and insulation performance, along with resistance to corrosion and weathering.



Overview

Reliable Cable Jointing Solutions

The 1kV Heat Shrinkable Straight Joint Kit (MDJ/MDJK) provides a robust solution for joining 0.6/1.0(1.2) kV polymeric cables, including PVC, XLPE, and PE types. These kits are engineered for long-term durability, offering excellent insulation, sealing, and resistance to UV, weathering, and corrosion. Designed for both unarmoured and armoured cable constructions, they ensure superior electrical and mechanical performance in a compact, halogen-free form factor.

Technical Specifications

Key Features

Compact Design • Halogen-Free • UV Resistant • Corrosion Resistant • Weather Resistant

Voltage Rating	0.6/1.0 (1.2) kV
Compatible Cable Types	PVC, XLPE, PE

Performance & Testing

Performance Test Summary

Test	Requirement
AC Voltage Withstand	4kV, 1 min (No failure)
Insulation Resistance	e50M©
Impact Resistance	4kg block dropped from 1m
Heating Cycle (Air/Water)	75°C-95°C, 63 cycles

Ordering Information

Selection Guide (4-Core)

Cross-section (mm²)	Unarmoured Type	Armoured Type
10-35	MDJ-4-01-A	MDJK-4-01-A
50-95	MDJ-4-01-B	MDJK-4-01-B
120-185	MDJ-4-01-C	MDJK-4-01-C
240-300	MDJ-4-01-D	MDJK-4-01-D