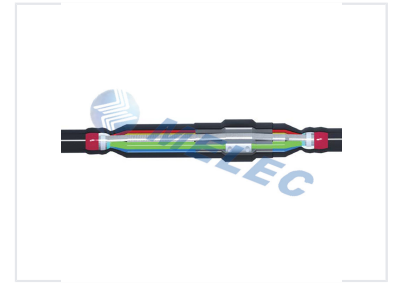


1kV Heat Shrinkable Straight Joint Kit

These 1kV heat shrinkable cable accessories are suitable for 0.6/1.0(1.2) kV cables insulated with PVC, XLPE and PE. The kits cover a wide range of cable sizes and varying cable constructions.



Product Overview

1kV Heat Shrinkable Straight Joint Kit

These heat shrinkable cable accessories are engineered for 0.6/1.0(1.2) kV power cables, providing a reliable and durable solution for cable jointing. Compatible with PVC, XLPE, and PE polymeric cable constructions, these kits ensure excellent electrical insulation and mechanical protection. Designed for both indoor and outdoor environments, they feature superior resistance to UV, corrosion, and weathering, ensuring long-term performance.

Key Features

Product Highlights

Compact dimensions, Halogen-free, UV resistant, Corrosion resistant, Excellent sealing performance, Indoor/Outdoor compatible

Performance Standards

Test	Requirements
AC voltage withstand (in air)	4kV, 1min. No failure.
Insulation resistance (in air)	≥50MΩ
Impact at ambient temperature	A 4kg block dropped onto the accessory from a height of 1 m; Immersed for a minimum of 3h in water with depth of 1 m;
AC voltage withstand (immersed)	4kV, 1min. No failure.
Insulation resistance (immersed)	≥50MΩ
Heating cycle in air	Heat the conductor to 75°C-95°C, 63 times in air. No failure.
Heating cycle in water(oversheath damage)	Heat the conductor to 75°C-95°C, 63 times in water. No failure.
AC voltage withstand (immersed)	4kV, 1min. No failure.
Insulation resistance (immersed)	≥50MΩ

Detailed performance and stress testing results, including AC voltage withstand and heating cycle endurance.

Performance Testing

Test	Requirement / Criteria
AC Voltage Withstand	4kV for 1 min (No failure)
Insulation Resistance	e5MΩ
Impact Resistance	4kg block dropped from 1m height
Heating Cycle (Air)	75°C-95°C for 63 cycles (No failure)
Heating Cycle (Water)	75°C-95°C for 63 cycles (No failure)

Ordering Information

*Cross-section (mm ²)	Type Unarmoured	Type Armoured
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

Selection guide for choosing the correct kit model based on cable cross-section and construction type.

Model Selection Guide

Cross-section (mm ²)	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