

ZiyaoPower Cable Accessories

MV Cable Terminations & Joints, 1-36kV

1. Application

ZiyaoPower cable accessories cover the full lifecycle of MV power cable installation: heat-shrink, cold-shrink, and pre-molded terminations and joints for XLPE/EPR insulated cables from 1 kV to 36 kV.

2. Technical Specifications & Certifications

Voltage Range	1 kV, 6/10kV, 8.7/15kV, 12/20kV, 18/30kV, 26/35kV
Technology	Heat-shrink (XLPO), Cold-shrink (EPDM/silicone), Pre-molded (EPDM)
Cable Type	XLPE/EPR, Cu/Al, single/3-core
Conductor Size	25-800 mm ²
Termination Types	Indoor, Outdoor (anti-tracking), GIS, plug-in separable
Joint Types	Straight-through, transition, branch (T-joint)
Standards	IEC 60502, IEEE 48, GB/T 12706, CENELEC HD 629

3. Key Features

- Heat-shrink: XLPO tubing + hot-melt adhesive, IP68 moisture seal
- Cold-shrink: pre-expanded silicone, no heat required, void-free interface
- Silicone cold-shrink: -40 to +150degC continuous, UV/tracking resistant
- Stress control tubes/cones for uniform E-field grading
- Plug-in separable connectors (T-connector) for switchgear interface
- 3M / Raychem / Raytech compatible designs
- Full kits: lugs, crimp tools, torque wrenches, cleaning wipes

4. How to Order

[Technology]-[Voltage]-[CableType]-[Size]-[Type]

Example: Cold-Shrink-12/20kV-XLPE-240mm²-Outdoor 3-Core

5. Certifications

- IEC 60502: Power cables with extruded insulation and accessories
- IEEE 48: Test procedures for cable terminations
- GB/T 12706: Chinese cable and accessory standard
- ISO 9001

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This datasheet is for reference only. Specifications subject to change without notice.