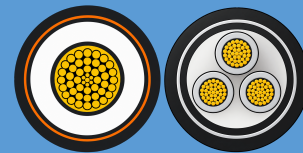


Up to 35 kV XLPE Insulated Power Cable



Cu/Al / XLPE / PVC · ≤35 kV

APPLICATION

Designed for medium-voltage power transmission and distribution systems up to 35 kV. Widely used in utility networks, industrial facilities, renewable energy projects, and other applications requiring safe and reliable transmission and distribution of high-capacity electrical power.

ADVANTAGES

- IEC 60228 Cu / Al Conductor
 - 90°C Continuous Operation · 30+ Years
 - Special Sheath Options for Harsh Environments
 - XLPE Three-Layer Screened Insulation
 - Steel Tape / Steel Wire Armour Options
 - Ageing & Electrical-Tree Resistance
- Key Features: 26/35 kV · XLPE Insulation · IEC 60228 Cu/Al Conductor · 90°C Continuous Operation · Armour Options · 30+ Year Service Life

CABLE CONSTRUCTION

Conductor	Copper or aluminum conductor, IEC 60228 Class 1 or Class 2
Conductor Screen	Semi-conductive screening compound
Insulation	Cross-linked Polyethylene (XLPE)
Inner / Outer Sheath	Polyvinyl Chloride (PVC) / PVC; outer sheath color: Black

TECHNICAL CHARACTERISTICS

Operating Temperature	-20°C to +90°C
Short-Circuit Temperature	250°C
Flame-Retardant Test	Complies with IEC 60332-1
Standards	IEC 60502 · GB/T 12706.3-2020

ELECTRICAL CHARACTERISTICS

Rated Voltage	26/35 kV
AC Test Voltage (5 min)	91 kV
Impulse Test Voltage	200 kV
20°C Conductor Resistance	IEC 60228 / GB/T 3956 compliant

DIMENSIONS

Cross Section n × mm ²	Conductor Diameter mm	Overall Diameter mm	Current-Carrying Capacity at 40°C [A]	Conductor Resistance at 20°C Ω/km	Weight kg/km
3×35	7	83	150	0.524	7721
3×50	8.2	86.0	180	0.387	8476.9
3×70	10	89.9	220	0.268	9548.4
3×95	11.6	93.8	265	0.193	10734.8
3×120	13	97.2	310	0.153	11866
3×150	14.6	100.9	350	0.124	13188.5
3×185	16.2	104.7	400	0.0991	14646.1
3×240	18.4	110	465	0.0754	16868.1
3×300	20.6	115.2	535	0.0601	19259.2
3×400	23.5	122.1	615	0.047	22809.6



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