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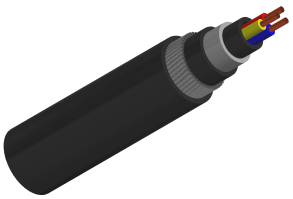
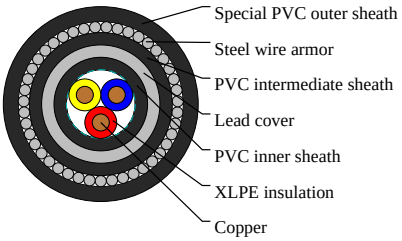
600V/1000V XLPE Insulated Steel Wire Armored Cable to IEC 60502-1 with Lead Cover

XLPE Insulated Steel Wire Armored Cable with Lead Cover 3C1.5





APPLICATIONS

These cables are used for electricity supply in low voltage installation system. They are suitable for installation in indoors and outdoors, in cable ducts, under ground, in power and switching stations, local energy distributions, industrial plants, where require hydrocarbon and mechanical protections. The lead sheath brings an enhanced resistance to aliphatic and aromatic hydrocarbon.

CABLE CONSTRUCTION

Conductor: Solid copper
Insulation: XLPE
Inner sheath: PVC
Lead cover
Intermediate sheath: PVC
Armor: Galvanized steel wires
Sheath: Special PVC. Color: black

COLOUR CODE

3 Cores: Red, Yellow, Blue

PHYSICAL AND THERMAL PROPERTIES

Rated voltage: 600V/1000V
Fire retardance: IEC 60332-3-22
Operating temperature: -20~60°C
Max. conductor operating temperature: 90°C
Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

DIMENSION AND PARAMETERS

No. of Cores	Nominal Cross-sectional Area	Conductor Class	Nominal Diameter over Insulation	Diameter Over Intermediat Sheath	Diameter Over Inner Sheath	Diameter over Lead Sheath	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Diameter Over Armour	Approx. Weight
	mm²		mm	mm	mm	mm	mm	mm	mm	kg/km

3	1.5	Solid, Class 1	2.79	13.1	8.3	10.7	18.62	20.5	15.6	1056