

Code-designation for power cables with PVC or XLPE insulation

Design	Identification of design	Explanations
Core	N	According to VDE standard (no abbreviation for copper conductor)
	A	Aluminium conductors
	Y	Insulation of thermoplastic Polyvinylchloride (PVC)
	2X	Insulation cross-linked Polyethylene (XLPE)
Concentric conductor, screen	C	Concentric conductors of copper wires and copper tape, helically wounded
	CW	Concentric conductor of copper wires in waveconal formation and copper tape, helically wounded
	CE	Concentric conductor of copper wires and copper tape over each individual core, helically wounded
Screen	S	Screen of copper wires and copper tape, helically wounded
	SE	Screen of copper wires and copper tape over each individual core, helically wounded
	(F)	Longitudinally water-proof screen
Armour	B	Armour of steel tape
	F	Armour of galvanized flat steel wires
	G	Counter helix of galvanized steel tape
Sheath	K	Lead sheath
Outer jacket	Y	PVC jacket
	2Y	PE jacket
Cable for U_0/U 0,6/1 kV are additionally designated with		
	-J	Cables with green-yellow (green-natural) core are marked with protective conductor
	-O	Cable without green-yellow (green-natural) core are marked without protective conductor