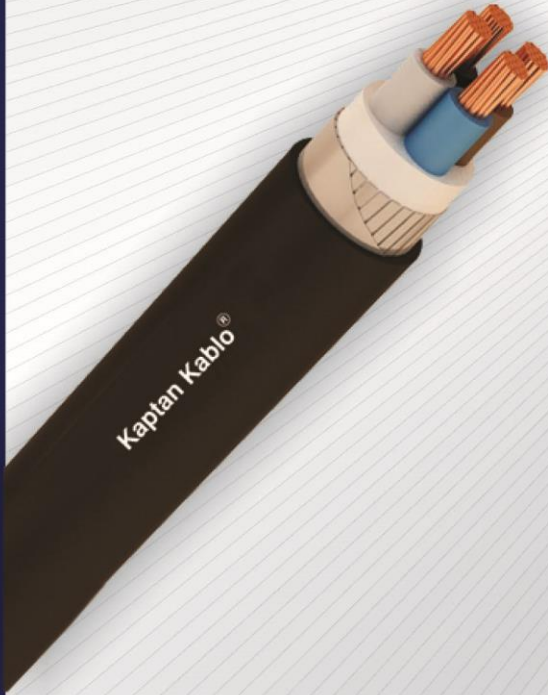


Low Voltage Cables

PVC Insulated Cables

YXZ3V



Code

YXZ3V, CU/XLPE/PVC/SWA/PVC , N2XFGbY

Standards

TS IEC 60502 , VDE 0271

Technical Data

Max Operating Temperature: 90 °C

Short Circuit Temperature: 250 °C (max. 5 sec.)

Rated Voltage : 0,6/1 kV

Min. Bending Radius: 12 x D

D: Cable Outer Diameter

Application

Indoors and outdoors, in cable ducts underground, in power or switching stations, local energy distributions, industrial plants where there is no risk of mechanical damages

Construction

- 1.Solid or Stranded Copper Conductor.
- 2.XLPE Insulation
- 3.Filler
- 4.Galvanized flat steel wires
- 5.Galvanized Steel bending Tape
- 6.PVC Outer Sheath

Nomimal cross section mm ²	Overall diameter approx. mm	Net weight approx. kg/km	Standard delivery length m	Conductor DC resistance at 20 °c max. Ohm/km	Current carrying capacity 30°C	
					Conduit A	Air A
3x25+16	25,40	1.740	1.000	0,727 / 1,150	135	110
3x35+16	27,70	2.120	1.000	0,524 / 0,727	162	135
3x50+25	31,80	2.810	1.000	0,387 / 0,727	193	160
3x70+35	35,70	3.740	1.000	0,268 / 0,524	235	205
3x95+50	40,60	4.860	500	0,193 / 0,387	280	250
3x120+70	45,20	6.110	500	0,153 / 0,268	320	290
3x150+70	48,80	7.040	500	0,124 / 0,268	360	330
3x185+95	54,80	8.880	500	0,0991 / 0,193	405	380
3x240+120	60,90	11.140	500	0,0754 / 0,153	465	445
4x16	23,20	1.370	1.000	1,150	105	80
4x25	26,20	1.870	1.000	0,727	135	110
4x35	29,40	2.390	1.000	0,524	162	135
4x50	33,40	3.110	1.000	0,387	193	160
4x70	37,80	4.180	500	0,268	235	205
4x95	43,40	5.520	500	0,193	280	250
4x120	47,60	6.750	500	0,153	320	290