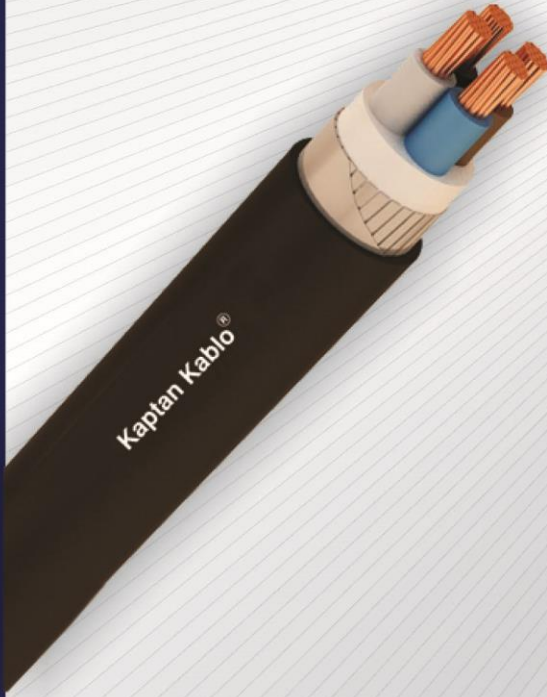


Low Voltage Cables

PVC Insulated Cables

YVZ3V



Code

YVZ3V, CU/PVC/SWA/PVC , NYFGbY

Standards

TS IEC 60502 , VDE 0271

Technical Data

Max Operating Temperature: 70 °C

Short Circuit Temperature: 160 °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.PVC Insulation
- 3.Filler
- 4.Galvanized flat steel wires
- 5.Galvanized Steel bending Tape
- 6.PVC Outer Sheath

Nominal 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	27,1	1,910	1.000	0,727 / 1,150	135	110
3x35+16	29,5	2,320	1.000	0,524 / 0,727	162	135
3x50+25	33,8	3,060	1.000	0,387 / 0,727	193	160
3x70+35	37,5	4,000	1.000	0,268 / 0,524	235	205
3x95+50	43,3	5,280	1.000	0,193 / 0,387	280	250
3x120+70	47,4	6,500	500	0,153 / 0,268	320	290
3x150+70	50,9	7,500	500	0,124 / 0,268	360	330
3x185+95	57,4	9,440	500	0,0991 / 0,193	405	380
3x240+120	63,0	11,860	500	0,0754 / 0,153	465	445
4x16	24,6	1,510	1.000	1,150	105	80
4x25	27,8	2,050	1.000	0,727	135	110
4x35	31,0	2,250	1.000	0,524	162	135
4x50	35,7	3,400	1.000	0,387	193	160
4x70	39,0	4,450	1.000	0,268	235	205
4x95	46,2	5,980	500	0,193	280	250
4x120	49,9	7,200	500	0,153	320	290