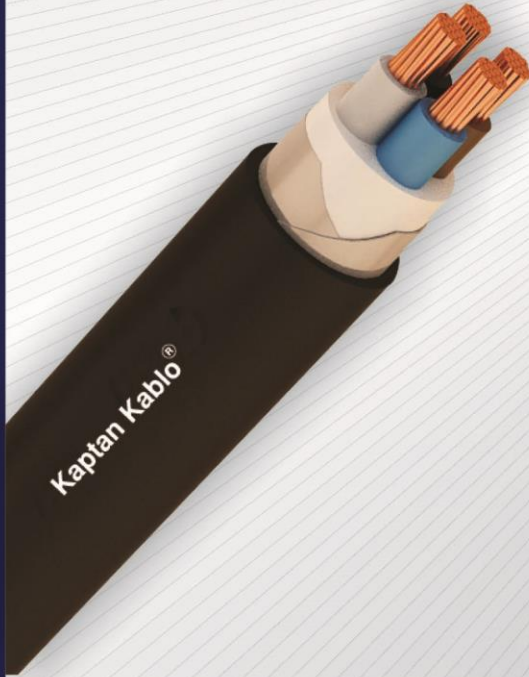


Low Voltage Cables

PVC Insulated Cables

YVZ4V



Code

YVZ4V, CU/PVC/STA/PVC , NYBY

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 Double Steel Tape armoured
- 5.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	27,3	1,690	1.000	0,727 / 1,150	135	110
3x35+16	29,1	2,060	1.000	0,524 / 0,727	162	135
3x50+25	32,4	2,710	1.000	0,387 / 0,727	193	160
3x70+35	36,2	3,670	1.000	0,268 / 0,524	235	205
3x95+50	42,3	5,110	500	0,193 / 0,387	280	250
3x120+70	47,0	6,360	500	0,153 / 0,268	320	290
3x150+70	51,6	7,460	500	0,124 / 0,193	360	330
3x185+95	56,5	9,260	500	0,0991 / 0,193	405	380
3x240+120	63,4	11,860	500	0,0754 / 0,153	465	445
4x16	24,2	1,310	1.000	1,150	105	80
4x25	27,6	1,810	1.000	0,727	135	110
4x35	30,3	2,310	1.000	0,524	162	135
4x50	35,2	3,060	500	0,387	193	160
4x70	40,1	4,350	500	0,268	235	205
4x95	45,8	5,760	500	0,193	280	250
4x120	49,8	6,960	500	0,153	320	290
4x150	55,0	8,460	500	0,124	360	330
4x185	61,2	10,530	500	0,0991	405	380
4x240	68,8	13,460	500	0,0754	465	445