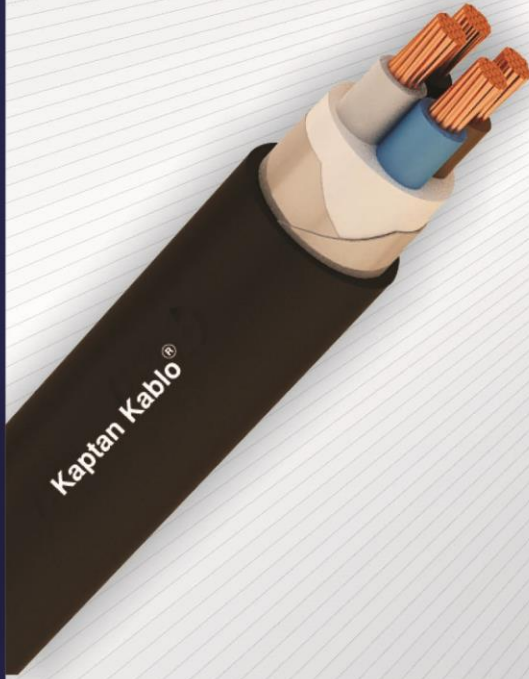


Low Voltage Cables

PVC Insulated Cables

YXZ4V



Code

YXZ4V, CU/XLPE/PVC/STA/PVC , N2XBY

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 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	21,0	1.600	1.000	0,727 / 1,150	135	110
3x35+16	22,9	1.750	1.000	0,524 / 0,727	162	135
3x50+25	25,5	2.420	1.000	0,387 / 0,727	193	160
3x70+35	29,1	3.350	1.000	0,268 / 0,524	235	205
3x95+50	34,3	4.750	500	0,193 / 0,387	280	250
3x120+70	36,7	5.750	500	0,153 / 0,268	320	290
3x150+70	40,5	6.950	500	0,124 / 0,193	360	330
3x185+95	45,6	8.620	500	0,0991 / 0,193	405	380
3x240+120	50,9	110.840	500	0,0754 / 0,153	465	445
4x16	22,5	1.200	1.000	1,150	105	80
4x25	25,6	1.720	1.000	0,727	135	110
4x35	28,3	2.200	1.000	0,524	162	135
4x50	31,3	2.780	500	0,387	193	160
4x70	37,5	4.050	500	0,268	235	205
4x95	43,2	5.450	500	0,193	280	250
4x120	46,2	6.400	500	0,153	320	290
4x150	51,1	7.950	500	0,124	360	330
4x185	57,6	9.850	500	0,0991	405	380
4x240	64,5	12.520	500	0,0754	465	445