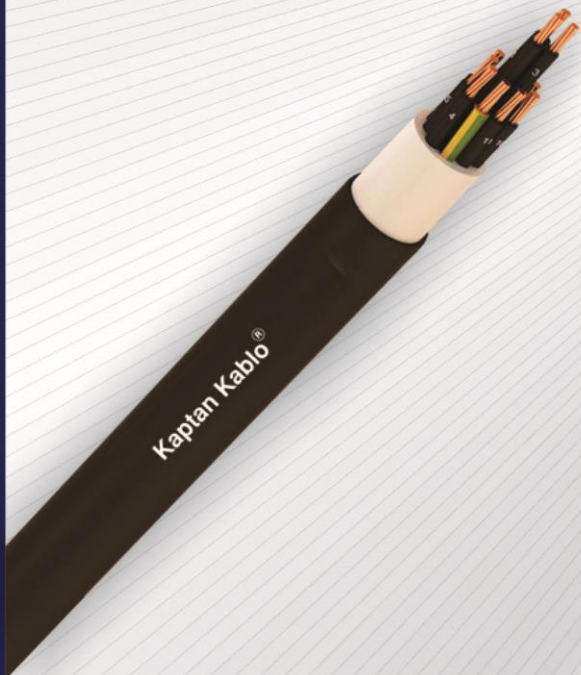


Low Voltage Cables

PVC Insulated Cables

YVV - CONTROL



Code

YVV, CU/PVC / PVC, NYV

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

Used as control cables, 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.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
5x1,5	14,10	300	1.000	12,10	26,0	18,7
7x1,5	15,00	350	1.000	12,10	16,0	12,0
10x1,5	18,20	510	1.000	12,10	13,0	10,0
12x1,5	18,70	550	1.000	12,10	12,3	9,8
14x1,5	19,60	610	1.000	12,10	12,0	9,5
19x1,5	21,40	760	1.000	12,10	10,5	8,5
21x1,5	22,20	810	1.000	12,10	9,3	7,9
24x1,5	23,20	920	1.000	12,10	9,2	7,4
30x1,5	25,30	1,060	1.000	12,10	8,5	6,8
40x1,5	27,50	1,410	1.000	12,10	7,8	6,5
5x2,5	15,30	380	1.000	7,41	34,0	25,0
7x2,5	16,40	450	1.000	7,41	20,0	17,0
10x2,5	20,00	660	1.000	7,41	17,0	14,0
12x2,5	20,60	720	1.000	7,41	16,5	13,0
14x2,5	21,60	800	1.000	7,41	15,5	12,5
19x2,5	23,70	1,010	1.000	7,41	13,7	11,4
21x2,5	24,60	1,080	1.000	7,41	12,5	10,9
24x2,5	26,00	1,230	1.000	7,41	12,0	10,0
30x2,5	27,00	1,420	1.000	7,41	11,0	9,2
40x2,5	30,30	1,830	1.000	7,41	10,0	9,0