

## 0.6/1 kV

### PVC INSULATED CABLES WITH COPPER CONDUCTOR



## YVV(TSE) • NYV(VDE) Cu/PVC/PVC(BS)

<b>Code</b>	YVV-U(TSE), NYV (VDE), Cu/PVC/PVC (BS)
<b>Standarts</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Copper conductor, PVC insulation, PVC filler, PVC outer sheath
<b>Application</b>	Indoors and outdoors, in cable ducts, underground, in power and switching stations, industrial plants, where there is no risk of mechanical damage.
<b>Technical Datas</b>	Max. Operating temperature 70 °C Short circuit temperature 160 °C Min. Bending radius 12*D D:Cable outer diameter (mm)

Dimensions and Weights				Electrical Information		
Nominal cross-section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in	
					Ground(A)	Air(A)
mm <sup>2</sup>	mm	kg/km	cm	ohm/km		
5x1.5 re	13,0	235	90	12,1	27	19
7x1.5 re	14,0	290	90	12,1	16	12
10x1.5 re	17,0	400	110	12,1	13	10
12x1.5 re	17,5	440	110	12,1	12	10
14x1.5 re	18,0	495	110	12,1	12	9
19x1.5 re	20,0	630	120	12,1	10	8
21x1.5 re	21,0	700	120	12,1	10	8
24x1.5 re	23,0	800	130	12,1	9	7
30x1.5 re	25,0	950	140	12,1	9	7
40x1.5 re	28,0	1200	150	12,1	8	7
48x1.5 re	31,0	1400	160	12,1	7	6
61x1.5 re	33,0	1800	180	12,1	7	6
5x2.5 re	14,0	310	100	7,41	36	25
7x2.5 re	16,0	390	100	7,41	20	16
10x2.5 re	19,5	520	120	7,41	17	14
12x2.5 re	20,0	600	120	7,41	16	13
14x2.5 re	21,0	680	120	7,41	15	13
19x2.5 re	23,0	860	130	7,41	14	11
21x2.5 re	24,0	950	150	7,41	13	11
24x2.5 re	27,0	1080	160	7,41	12	10
30x2.5 re	29,0	1300	160	7,41	11	9
40x2.5 re	33,0	1700	180	7,41	10	9
48x2.5 re	35,0	2000	210	7,41	10	8
61x2.5 re	39,0	2500	220	7,41	9	8

re: Single-wire conductor