

## 0.6/1 kV

### PVC INSULATED MULTI CORE CABLES WITH COPPER CONDUCTOR



## YVV(TSE) • NYY(VDE) Cu/PVC/PVC(BS)

<b>Code</b>	YVV-U, YVV-R (TSE), NYY (VDE), Cu/PVC/PVC (BS)
<b>Standarts</b>	TS IEC 60502-1, VDE 0276
<b>Construction</b>	Copper conductor, PVC insulation, PVC filler, PVC outer sheath
<b>Application</b>	Preferably for installation indoors, in cable ducts and in industrial plants or switching stations underground installation with additional protection where mechanical damage is unexpected.
<b>Technical Datas</b>	Max. Operating temperature 70 °C Short circuit temperature Cross section ≤300 mm <sup>2</sup> 160 °C Cross section > 300 mm <sup>2</sup> 140 °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.) ohm/km	Current carrying capacity in	
					Ground(A)	Air(A)
mm <sup>2</sup>	mm	kg/km	cm			
4x1.5 re	12,0	200	90	12,1	27	19
4x2.5 re	13,0	260	90	7,41	36	25
4x4 re	15,0	350	100	4,61	47	34
4x6 re	16,0	460	110	3,08	59	43
4x10 rm	19,0	680	120	1,83	79	59
4x16 rm	21,0	960	130	1,15	102	79
4x25 rm	25,5	1450	140	0,727	133	100
4x35 rm	28,5	1900	150	0,524	159	125
4x50 rm	32,5	2500	160	0,387	188	153
4x70 rm	36,5	3420	200	0,268	232	195
4x95 rm	42,0	4650	220	0,193	280	238
4x120 rm	46,0	5720	230	0,153	318	275
4x150 rm	51,0	7000	200*	0,124	359	320
4x185 rm	56,0	8800	210*	0,0991	406	364
4x240 rm	63,0	11200	230*	0,0754	473	430
4x300 rm	70,0	14200	230*	0,0601	535	510
4x400 rm	78,0	18000	210**	0,0470	613	595
5x4 re	16,0	420	110	4,61	47	34
5x6 re	17,5	540	120	3,08	59	43
5x10 rm	21,0	825	130	1,83	79	59
5x16 rm	23,5	1160	140	1,15	102	79
5x25 rm	28,0	1740	150	0,727	133	100
5x35 rm	31,5	2320	160	0,524	159	125
5x50 rm	36,0	3020	180	0,387	188	153
5x70 rm	40,5	4160	220	0,268	232	195
5x95 rm	47,0	5750	240*	0,193	280	238
5x120 rm	50,0	7400	200*	0,153	318	275
5x150 rm	55,0	9000	210*	0,124	359	320
5x185 rm	62,0	11500	220*	0,0991	406	364
5x240 rm	69,0	14500	200**	0,0754	473	430

re: Single-wire conductor  
rm:Stranded conductor

\* For 500 m. Cable  
\*\* For 250 m. Cable