

0.6/1 kV

PVC INSULATED MULTI-CORE CABLES WITH COPPER CONDUCTOR



YVV(TSE) • NYY(VDE) Cu/PVC/PVC(BS)

Code	YVV-U, YVV-R (TSE), NYY (VDE), Cu/PVC/PVC (BS)
Standarts	TS IEC 60502-1, VDE 0276
Construction	Copper conductor, PVC insulation, PVC filler, PVC outer sheath
Application	Preferably for installation indoors, in cable ducts and in industrial plants or switching stations underground installation with additional protection where mechanical damage is unexpected.
Technical Datas	Max. Operating temperature 70 °C Short circuit temperature Cross section ≤300 mm ² 160 °C Cross section > 300 mm ² 140 °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.)	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm	ohm/km		
3x1.5 re	11,0	160	90	12,1	27	19
3x2.5 re	12,0	215	90	7,41	36	25
3x4 re	14,0	310	90	4,61	47	34
3x6 re	15,0	380	100	3,08	59	43
3x10 rm	17,5	550	110	1,83	79	59
3x16 rm	20,0	780	120	1,15	102	79
3x25 rm	23,0	1150	130	0,727	133	100
3x35 rm	26,0	1500	140	0,524	159	125
3x50 rm	29,5	1960	160	0,387	188	153
3x70 rm	33,0	2700	180	0,268	232	195
3x95 rm	38,0	3650	210	0,193	280	238
3x120 rm	41,5	4500	210	0,153	318	275
3x150 rm	45,0	5450	230	0,124	359	320
3x185 rm	50,0	6900	200*	0,0991	406	364
3x240 rm	56,0	8700	220*	0,0754	473	430
3x300 rm	63,0	11250	230*	0,0601	535	510
3x400 rm	71,0	14300	210**	0,0470	613	595

re: Single-wire conductor
rm: Stranded conductor

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