

0.6/1 kV

PVC INSULATED MULTI CORE CABLES WITH COPPER CONDUCTOR



YVV(TSE) • NYY(VDE) Cu/PVC/PVC(BS)

Code	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		
3x16/10 rm	21,5	900	130	1,15	102	79
3x25/16 rm	24,5	1350	140	0,727	133	100
3x35/16 rm	26,5	1700	150	0,524	159	125
3x50/25 rm	31,0	2250	160	0,387	188	153
3x70/35 rm	34,5	3050	200	0,268	232	195
3x95/50 rm	40,0	4050	220	0,193	280	238
3x120/70 rm	43,0	5150	230	0,153	318	275
3x150/70 rm	47,5	6050	240	0,124	359	320
3x185/95 rm	52,5	7750	210*	0,0991	406	364
3x240/120 rm	59,0	9800	230*	0,0754	473	430
3x300/150 rm	66,0	12700	250*	0,0601	535	510
3x400/185 rm	74,0	16000	220**	0,0470	613	595

rm:Stranded conductor

* For 500 m. Cable

** For 250 m. Cable