

0.6/1 kV

PVC INSULATED SINGLE 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 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 15*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 (max.) resistance at 20 °C (max.)	Current carrying capacity in			
					Ground(A)		Air(A)	
mm ²	mm	kg/km	cm	ohm/km	●●●	●●●	●●●	●●●
1x4 re	7,5	90	80	4,61	56	48	45	32
1x6 re	8,0	110	80	3,08	70	60	58	40
1x10 rm	9,5	160	80	1,83	95	80	78	60
1x16 rm	10,0	220	90	1,15	123	105	108	80
1x25 rm	11,5	320	90	0,727	160	137	140	110
1x35 rm	13,0	425	100	0,524	190	162	175	135
1x50 rm	14,0	550	100	0,387	225	192	210	165
1x70 rm	16,0	760	110	0,268	272	235	270	210
1x95 rm	18,0	1020	120	0,193	320	284	330	260
1x120 rm	19,5	1280	120	0,153	375	320	385	300
1x150 rm	22,0	1525	130	0,124	420	360	448	350
1x185 rm	24,0	1950	140	0,0991	475	410	510	400
1x240 rm	26,5	2450	150	0,0754	550	475	600	480
x300 rm	30,0	3175	160	0,0601	632	542	678	549
1x400 rm	33,0	4050	180	0,0470	730	624	817	657
1x500 rm	38,0	5150	210	0,0366	823	698	940	749

re: Single-wire conductor
rm: Stranded conductor