0.6/1 kV

PVC INSULATED MULTI-CORE CABLES CONCENTRIC COPPER CONDUCTOR SCREEN

YVC7V(TSE)
NYCY(VDE)

Code	YVC7V-U,YVC7V-R (TSE),NYCY (VDE)
Standarts	TS IEC 60502-1, VDE 0276
Construction	Copper conductor, PVC insulation,PVC filler,concentric copper conductor, PVC outer sheath
Application	In indoor installations, in cable ducts, outdoor and underground for power stations, industrial plants and switching station as well as local supply systems if increased protection is necessary.
Technical Datas	Max. Operating temperature 70 °C Max. Short circuit temperature <=300 mm² for 160 °C > 300 mm² for 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)
mm²	mm	kg/km	cm	ohm/km		
3x1.5/1.5 re	13,0	230	90	12,1	27	19
3x2.5/2.5 re	14,0	300	100	7,41	36	25
3x4/4 re	16,0	400	100	4,61	47	34
3x6/6 re	17,0	500	110	3,08	59	43
3x10/10 rm	19,0	700	120	1,83	79	59
3x16/16 rm	22,0	1000	130	1,15	102	79
3x25/16 rm	26,0	1400	140	0,727	133	100
3x35/16 rm	29,0	1800	160	0,524	159	125
3x50/25 rm	32,0	2350	160	0,387	188	153
3x70/35 rm	37,0	3200	200	0,268	232	195
3x95/50 rm	42,0	4300	210	0,193	280	238
3x120/70 rm	45,0	5300	230	0,153	318	275
3x150/70 rm	50,0	6400	240	0,124	359	320
3x185/95 rm	55,0	8050	210	0,0991	406	364
3x240/120 rm	63,0	10500	230	0,0754	473	430
3x300/150 rm	69,0	13100	250	0,0601	535	510
3x400/185 rm	77,0	16400	220	0,0470	613	595

re: Single-wire conductor
rm:Stranded conductor

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