

0.6/1 kV

PVC INSULATED STEEL WIRE ARMoured MULTI-CORE CABLES WITH COPPER CONDUCTOR



**YVZ3V(TSE)
NYFGbY(VDE)**

Code	YVZ3V-R (TSE), NYFGbY (VDE)
Standarts	TS IEC 60502-1, VDE 0271
Construction	Copper conductor, PVC insulation, PVC filler, galvanized flat steel wire armoured, galvanized steel tape, PVC outer sheath
Application	Installation underground, indoor, in ducts and in the open air where mechanical protection is required against higher tensile stress during installation and operation.
Technical Datas	Max. Operating temperature 70 °C Short circuit temperature Cross section $\leq 300 \text{ mm}^2$ 160 °C Cross section $> 300 \text{ mm}^2$ 140 °C Min. Bending radius $12 \cdot D$ 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	24,5	1325	140	1,15	102	79
3x25/16 rm	28,0	1850	160	0,727	133	100
3x35/16 rm	30,0	2250	160	0,524	159	125
3x50/25 rm	34,0	2900	180	0,387	188	153
3x70/35 rm	38,0	3800	210	0,268	232	195
3x95/50 rm	43,0	4950	230	0,193	280	238
3x120/70 rm	47,0	6150	240	0,153	318	275
3x150/70 rm	51,0	7150	210*	0,124	359	320
3x185/95 rm	56,0	8950	220*	0,0991	406	364
3x240/120 rm	62,0	11000	240*	0,0754	473	430
3x300/150 rm	67,0	14000	210**	0,0601	535	510
3x400/185 rm	78,0	18000	230**	0,0470	613	595

rm: Stranded conductor

* For 500 m. Cable

** For 250 m. Cable