

0.6/1 kV

PVC INSULATED ROUND STEEL WIRE ARMoured CABLES WITH COPPER CONDUCTOR



**YVZ2V(TSE)
NYRY(VDE)**

Code	YVZ2V-R (TSE), YVZ2V-U, NYRY (VDE)
Standarts	TS IEC 60502-1, VDE 0271
Construction	Copper conductor, PVC insulation, PVC filler, galvanized round 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 ≤300 mm ² for 160 °C > 300 mm ² 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.) ohm/km	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm			
3x1.5 re	14,5	380	100	12,1	27	19
3x2.5 re	16,0	440	100	7,41	36	25
3x4 re	17,0	620	120	4,61	47	34
3x6 re	18,5	720	120	3,08	59	43
3x10 rm	21,0	940	120	1,83	79	59
3x16 rm	24,0	1350	140	1,15	102	79
4x1.5 re	15,0	420	100	12,1	27	19
4x2.5 re	16,5	580	110	7,41	36	25
4x4 re	18,0	750	110	4,61	49	34
4x6 re	19,5	850	120	3,08	59	43
4x10 rm	23,5	1250	120	1,83	79	59
4x16 rm	27,0	1700	140	1,15	102	79
4x25 rm	31,0	2300	160	0,727	133	100
4x35 rm	33,0	2800	180	0,524	159	125
4x50 rm	39,0	3850	210	0,387	188	153
4x70 rm	43,0	4950	220	0,268	232	195
4x95 rm	50,0	6950	180*	0,193	280	238
4x120 rm	54,0	8300	210*	0,153	318	275
4x150 rm	58,0	9750	220*	0,124	359	320
4x185 rm	64,0	11850	230*	0,0991	406	364
4x240 rm	71,0	14850	210*	0,0754	473	430
4x300 rm	79,0	19000	220**	0,0601	535	510
4x400 rm	88,0	23500	230**	0,0470	613	595
5x1.5 re	16,5	575	110	12,1	27	19
5x2.5 re	17,5	650	110	7,41	36	25
5x4 re	20,0	850	120	4,61	47	34
5x6 re	21,0	1010	120	3,08	59	43
5x10 rm	25,0	1525	140	1,83	79	59
5x16 rm	29,0	2010	160	1,15	102	79

re: Single-wire conductor
rm: Stranded conductor

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