

## 0,6/1 kV

### PVC INSULATED WITH ALUMINUM CONDUCTOR AND STEEL SHIELD POWER CABLES

## YAVZ2V-R

## NAYRY



<b>Code</b>	YAVZ2V-R, NAYRY
<b>Standards</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Aluminum Conductor, PVC Insulation, PVC Filler, Galvanized Round Steel, Galvanized Steel Helix Tape, PVC Outer Shield
<b>Applications</b>	It is used internally/externally under soil and in cable ducts as mechanical forcings are suitable for durable and heavy operating conditions.
<b>Technical Data</b>	Max. Operating Temp. 70°C Max. Short Circuit Temp. Cross S. ≤300 mm <sup>2</sup> 160°C Cross S. >300 mm <sup>2</sup> 140°C Min. Bending Radius 12*D D: Cable Overall Diameter (mm)

Dimensions and Weight				Electrical Informations		
Nominal Cross Section	Overall Diameter	Net Weight	Delivery Reel Size For 1000 m Cable	Conductor DC (Max.) Resistance at 20 °C	Current Carrying Capacity In (Appr.)	
(mm <sup>2</sup> )	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 20°C
3x25 rm	27,0	1450	130	1,200	99	83
3x35 rm	29,5	1700	140	0,868	118	102
3x50 rm	34,0	2300	160	0,641	142	124
3x70 rm	39,0	2800	180	0,443	176	158
3x95 rm	44,0	3550	210	0,320	211	190
3x120 rm	47,5	4350	210	0,253	242	221
3x150 rm	53,0	5300	230	0,206	270	252
3x185 rm	58,0	6200	240	0,164	308	289
3x240 rm	64,5	7550	220*	0,125	363	339
3x300 rm	71,0	9000	230*	0,100	412	377
3x400 rm	81,5	12000	210**	0,0778	475	444
4x25 rm	31,0	1650	160	1,200	99	83
4x35 rm	33,0	2000	180	0,868	118	102
4x50 rm	39,0	2900	210	0,641	142	124
4x70 rm	43,0	3450	220	0,443	176	158
4x95 rm	50,0	4600	240	0,320	211	190
4x120 rm	54,0	5300	210*	0,253	242	221
4x150 rm	58,0	6400	220*	0,206	270	252
4x185 rm	64,0	7400	230*	0,164	308	289
4x240 rm	71,0	9000	240*	0,125	363	339
4x300 rm	79,0	10250	220**	0,100	412	377
4x400 rm	88,0	14700	230**	0,0778	475	444

rm : Stranded Conductor

\* For 500m long cable \*\*For 250m long cable