

0,6/1 kV

XLPE INSULATED WITH ALUMINUM CONDUCTOR, PVC OUTER SHEATH AND ROUND STEEL SHIELD POWER CABLES



YAXZ2V-R
NA2XRGBY

Code	YAXZ2V-R, NA2XRGBY
Standards	TS IEC 60502-1, VDE 0271
Construction	Aluminum Conductor, XLPE insulation, PVC Filler, Galvanized Round Steel, Galvanized Steel Helix Tape, Pvc Outer Sheath
Applications	Used in excessive mechanical stresses on internal-external ground and in the cable channel as Lightning and power cable.
Technical Data	Max. Operating Temp. 90°C Max. Short Circuit Temp. 250°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 ²)	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 30°C
3x25/16 rm	27,0	1450	150	1,200	111	100
3x35/16 rm	29,5	1650	160	0,868	132	122
3x50/25 rm	33,0	2050	180	0,641	157	147
3x70/35 rm	38,0	2900	210	0,443	195	189
3x95/50 rm	42,0	3450	230	0,320	233	232
3x120/70 rm	48,0	4250	240	0,253	266	270
3x150/70 rm	52,0	5250	220*	0,206	299	308
3x185/95 rm	57,0	5250	230*	0,164	340	357
3x240/120 rm	62,0	7500	240*	0,125	401	435
3x300/150 rm	64,0	8950	250*	0,100	455	501
3x400/185 rm	80,0	12000	230**	0,0778	526	592

rm : Stranded Conductor

*For 500m long cable

**For 250m long cable