

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 rm	26,0	1300	140	1,200	111	100
3x35 rm	28,0	1550	150	0,868	132	122
3x50 rm	31,0	1950	180	0,641	157	147
3x70 rm	37,0	2700	210	0,443	195	189
3x95 rm	40,0	3200	220	0,320	233	232
3x120 rm	44,0	3750	230	0,253	266	270
3x150 rm	50,0	5000	220*	0,206	299	308
3x185 rm	55,0	5800	230*	0,164	340	357
3x240 rm	60,0	7100	240*	0,125	401	435
3x300 rm	67,0	8450	250*	0,100	455	501
3x400 rm	74,0	10400	260*	0,0778	526	592

rm : Stranded Conductor

*For 500m long cable