

0,6/1 kV

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



**YAXZ3V-R
NA2XFGBY**

Code	YAXZ3V-R, NA2XFGBY
Standards	TS IEC 60502-1, VDE 0271
Construction	Aluminum Conductor, XLPE insulation, PVC Filler, Galvanized Flat 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
4x25 rm	26,5	1300	160	1,200	111	100
4x35 rm	30,0	1550	180	0,868	132	122
4x50 rm	33,0	1950	200	0,641	157	147
4x70 rm	37,5	2500	220	0,443	195	189
4x95 rm	41,5	3100	230	0,320	233	232
4x120 rm	46,5	3800	240	0,253	266	270
4x150 rm	52,0	4600	250	0,206	299	308
4x185 rm	57,0	5450	220*	0,164	340	357
4x240 rm	63,0	6700	230*	0,125	401	435
4x300 rm	70,0	8300	240*	0,100	455	501
4x400 rm	81,0	10650	250**	0,0778	526	592

rm : Stranded Conductor

*For 500m long cable

**For 250m long cable