

## 0,6/1 kV

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



**YAXZ3V-R  
NA2XFGBY**

<b>Code</b>	YAXZ3V-R, NA2XFGBY
<b>Standards</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Aluminum Conductor, XLPE insulation, PVC Filler, Galvanized Flat Steel, Galvanized Steel Helix Tape, Pvc Outer Sheath
<b>Applications</b>	Used in excessive mechanical stresses on internal-external ground and in the cable channel as Lightning and power cable.
<b>Technical Data</b>	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 <sup>2</sup> )	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 30°C
3x25/16 rm	25,0	1250	150	1,200	111	100
3x35/16 rm	27,0	1400	160	0,868	132	122
3x50/25 rm	31,0	1800	180	0,641	157	147
3x70/35 rm	35,5	2250	210	0,443	195	189
3x95/50 rm	39,5	2800	230	0,320	233	232
3x120/70 rm	44,0	3400	240	0,253	266	270
3x150/70 rm	48,0	4100	240	0,206	299	308
3x185/95 rm	53,0	4800	250	0,164	340	357
3x240/120 rm	58,0	5900	240*	0,125	401	435
3x300/150 rm	65,0	7300	250*	0,100	455	501
3x400/185 rm	75,0	9200	260*	0,0778	526	592

rm : Stranded Conductor

\*For 500m long cable