

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
3x25 rm	24,5	1100	140	1,200	111	100
3x35 rm	27,0	1300	150	0,868	132	122
3x50 rm	30,0	1650	180	0,641	157	147
3x70 rm	35,0	2100	210	0,443	195	189
3x95 rm	38,0	2600	220	0,320	233	232
3x120 rm	42,0	3100	230	0,253	266	270
3x150 rm	47,0	3850	240	0,206	299	308
3x185 rm	52,0	4650	250	0,164	340	357
3x240 rm	57,0	5500	240*	0,125	401	435
3x300 rm	63,0	6850	250*	0,100	455	501
3x400 rm	73,0	8650	260*	0,0778	526	592

rm : Stranded Conductor

*For 500m long cable