

## 0,6/1 kV

XLPE INSULATED WITH CONSANTRIC SHIELD, PVC OUTER SHEATH, ALUMINUM CONDUCTOR POWER CABLES



**YAXC7V-R  
NA2XCY**

<b>Code</b>	YAXC7V-R , NA2XCY
<b>Standards</b>	TS IEC 60502-1, VDE 0276
<b>Construction</b>	Aluminum Conductor, XLPE insulated, PVC Filler, Copper Consantric Shield, Copper Tape Helix, PVC Outer Sheath
<b>Applications</b>	These cables with very low dielectric losses are used in power plants, in the residential and industrial areas, underground internal / external and in cable ducts where there is sudden load changes.
<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	900	140	1,200	111	100
3x35/16 rm	27,0	1000	160	0,868	132	122
3x50/25 rm	31,0	1400	160	0,641	157	147
3x70/35 rm	36,0	1850	200	0,443	195	189
3x95/50 rm	41,0	2450	230	0,320	233	232
3x120/70 rm	44,0	3100	240	0,253	266	270
3x150/70 rm	48,0	3650	210*	0,206	299	308
3x185/95 rm	54,0	4550	220*	0,164	340	357
3x240/120 rm	60,0	5650	240*	0,125	401	435

rm : Stranded Conductor

\*For 500m long cable

\*\*For 250m long cable