

0,6/1 kV

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



**YAXY2V-R
NA2XR(A)Y**

Code	YAXY2V-R, NA2XR(A)Y
Standards	TS IEC 60502-1, VDE 0271
Construction	Aluminum Conductor, XLPE insulation, PVC Filler, Round Aluminum, PP 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 15*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	
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1x25 rm	16,0	300	90	1,200	140	114	140	106
1x35 rm	18,0	400	90	0,868	164	137	163	131
1x50 rm	19,5	500	90	0,641	195	163	200	161
1x70 rm	21,0	600	100	0,443	238	201	254	205
1x95 rm	23,5	750	110	0,320	284	240	313	253
1x120 rm	25,0	900	120	0,253	323	274	366	296
1x150 rm	27,0	1050	130	0,206	361	308	420	341
1x185 rm	30,0	1200	150	0,164	408	350	486	395
1x240 rm	32,0	1500	160	0,125	476	408	585	475
1x300 rm	35,5	1850	200	0,100	537	462	675	548
1x400 rm	39,5	2300	220	0,0778	616	531	798	647
1x500 rm	43,0	3000	240	0,0605	699	601	926	749

rm : Stranded Conductor

*For 500m long cable

*For 250m long cable