

## 3,6/6 kV

XLPE INSULATED, ROUNDED STEEL ROD SHIELD WITH ALUMINUM CONDUCTOR, SINGLE CORE MEDIUM VOLTAGE POWER CABLES



**YAXC8VZ2V-R**  
**NA2XSEYRY**

<b>Code</b>	YAXC8VZ2V-R, NA2XSEYRY
<b>Standards</b>	TSE IEC 60502-2, Technical Specs, VDE 0276
<b>Construction</b>	Aluminum Conductor, Inner semi-conductor, XLPE insulation, Outer Semi-Conductor, Semi-Conductor Tape, Copper Shield , PVC Filler, PVC Separator Sheath, Galvanized Rounded Steel Rod Shield, Galvanized Steel Helix Tape, PVC Outer Sheath
<b>Applications</b>	Used in Under heavy operating conditions and mechanical stres, Underground, Power centers, Switchgear, City networks, Industrial facilities, Underground and cable channel.
<b>Technical Data</b>	Max. Operating Temp. 90°C Max. Short Circuit Temp. 250°C For Max. 5 Sec Min. Bending Radius 15*D D:Cable Overall Diameter (mm)

Dimensions and Weight					Electrical Informations				
Nominal Cross Section	Overall Diameter	Net Weight	Standard Delivery Length	Standard Delivery Reel Size	Conductor DC (Max.) Resistance at 20 °C	Inductance per conductor (Appr.)	Operating Capacity (Appr.) at 20 °C	Current Carrying Capacity In (Appr.)	
(mm <sup>2</sup> )	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(µF/km)	Ground (A) at 20°C	Air (A) at 30°C
3x35/16 rm	48,5	4100	1000	240	0,868	0,35	0,28	140	133
3x50/16 rm	52,0	4600	1000	240	0,641	0,34	0,30	160	150
3x70/16 rm	55,0	5400	1000	240	0,443	0,32	0,35	195	190
3x95/16 rm	60,0	6000	500	220	0,320	0,31	0,39	235	238
3x120/16 rm	63,0	6300	500	220	0,253	0,30	0,43	275	274
3x150/25 rm	66,0	7000	500	220	0,206	0,29	0,47	305	309
3x185/25 rm	71,0	7800	500	220	0,1640	0,28	0,50	345	354
3x240/25 rm	78,0	10500	250	220	0,1250	0,27	0,55	410	415
3x300/25 rm	84,0	12000	250	220	0,1000	0,26	0,57	460	500
3x400/35 rm	92,0	14500	250	240	0,0788	0,26	0,59	520	560

rm : Stranded Conductor