

12/20 kV

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



**YAXC8VZ2V-R
NA2XSEYRY**

Code	YAXC8VZ2V-R, NA2XSEYRY
Standards	TSE IEC 60502-2, Technical Specs, VDE 0276
Construction	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
Applications	Used in Under heavy operating conditions and mechanical stres, Underground, Power centers, Switchgear, City networks, Industrial facilities, Underground and cable channel.
Technical Data	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 ²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(µF/km)	Ground (A) at 20°C	Air (A) at 30°C
3x35/16 rm	65,0	6500	500	240	0,868	0,41	0,14	140	133
3x50/16 rm	68,0	7000	500	240	0,641	0,39	0,15	160	150
3x70/16 rm	72,0	8000	500	240	0,443	0,37	0,17	195	190
3x95/16 rm	77,0	9500	500	260	0,320	0,35	0,19	235	238
3x120/16 rm	81,0	10500	500	260	0,253	0,34	0,21	275	274
3x150/25 rm	84,0	11250	250	220	0,206	0,32	0,22	305	309
3x185/25 rm	89,0	12000	250	220	0,1640	0,31	0,24	345	354
3x240/25 rm	95,0	13500	250	240	0,1250	0,3	0,27	410	415
3x300/25 rm	100,0	15000	250	260	0,1000	0,29	0,29	460	500
3x400/35 rm	107,0	17600	250	260	0,0788	0,28	0,33	520	560

rm : Stranded Conductor