

18/30 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	79,0	9500	500	260	0,868	0,45	0,11	140	133
3x50/16 rm	82,0	10000	500	260	0,641	0,43	0,12	160	150
3x70/16 rm	86,0	11000	250	220	0,443	0,41	0,14	195	190
3x95/16 rm	90,0	12000	250	220	0,320	0,38	0,15	235	238
3x120/16 rm	94,0	13000	250	240	0,253	0,37	0,16	275	274
3x150/25 rm	97,0	14000	250	240	0,206	0,36	0,17	305	309
3x185/25 rm	102,0	15000	250	240	0,1640	0,35	0,18	345	354
3x240/25 rm	108,0	17000	250	260	0,1250	0,33	0,21	410	415
3x300/25 rm	114,0	19000	250	260	0,1000	0,32	0,22	460	500
3x400/35 rm	121,0	21000	250	260	0,0788	0,31	0,25	520	560

rm : Stranded Conductor