

3,6/6 kV

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



**YAXC8VZ3V-R (TSE),
NA2XSEYFGbY(VDE)**

Code	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
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 Flat Steel Rod Shield, Galvanized Steel Helix Tape, PVC Outer Sheath
Applications	Used in Industrial facilities, Underground cable channels
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	46,0	3200	1000	220	0,868	0,35	0,28	140	133
3x50/16 rm	48,0	3550	1000	240	0,641	0,34	0,30	160	150
3x70/16 rm	53,0	4200	1000	240	0,443	0,32	0,35	195	190
3x95/16 rm	57,0	4800	1000	260	0,320	0,31	0,39	235	238
3x120/16 rm	60,0	5500	500	220	0,253	0,30	0,43	275	274
3x150/25 rm	64,0	6200	500	220	0,206	0,29	0,47	305	309
3x185/25 rm	67,0	7100	500	240	0,1640	0,28	0,50	345	354
3x240/25 rm	74,0	8300	500	240	0,1250	0,27	0,55	410	415
3x300/25 rm	80,0	9800	500	260	0,1000	0,26	0,57	460	500
3x400/35 rm	88,0	12100	250	220	0,0788	0,26	0,59	520	560

rm : Stranded Conductor