20,3/35 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, TSE K 204, 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 Under heavy operating conditions, 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	78,0	7800	500	240	0,868	0,47	0,11	140	133
3x50/16 rm	81,0	8400	500	240	0,641	0,45	0,12	160	150
3x70/16 rm	85,0	9300	500	250	0,443	0,42	0,13	195	190
3x95/16 rm	90,0	10200	500	250	0,320	0,40	0,15	235	238
3x120/16 rm	94,0	11100	250	260	0,253	0,39	0,16	275	274
3x150/25 rm	97,0	12000	250	240	0,206	0,37	0,17	305	309
3x185/25 rm	100,0	13000	250	240	0,1640	0,36	0,18	345	354
3x240/25 rm	106,0	14800	250	250	0,1250	0,35	0,20	410	415
3x300/25 rm	113,0	16000	250	250	0,1000	0,29	0,22	460	500

rm : Stranded Conductor