

## 18/30 kV

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



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

<b>Code</b>	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
<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 Flat Steel Rod Shield, Galvanized Steel Helix Tape, PVC Outer Sheath
<b>Applications</b>	Used in Under heavy operating conditions, 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	73,0	6900	1000	260	0,868	0,45	0,11	140	133
3x50/16 rm	75,0	7400	500	220	0,641	0,43	0,12	160	150
3x70/16 rm	79,0	8200	500	220	0,443	0,41	0,14	195	190
3x95/16 rm	84,0	9000	500	260	0,320	0,38	0,15	235	238
3x120/16 rm	88,0	9900	500	260	0,253	0,37	0,16	275	274
3x150/25 rm	92,0	10700	500	260	0,206	0,36	0,17	305	309
3x185/25 rm	96,0	11800	350	240	0,1640	0,35	0,18	345	354
3x240/25 rm	102,0	13200	350	260	0,1250	0,33	0,21	410	415
3x300/25 rm	108,0	15000	250	260	0,1000	0,32	0,22	460	500

rm : Stranded Conductor