

## 8,7/15 kV

**XLPE INSULATED WITH ALUMINUM CONDUCTOR, SINGLE CORE MEDIUM VOLTAGE POWER CABLES**



**YAXC7V-R (TSE)  
NA2XSY(VDE)  
2AXSY(IEC)  
Al/XLPE/SC/PVC(BS)**

<b>Code</b>	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC (BS)
<b>Standards</b>	TS IEC 60502-2, VDE 0276
<b>Construction</b>	Aluminum Conductor, Inner semi-conductor, XLPE insulation, Outer Semi-Conductor, Semi-Conductor Tape, Copper Shield, Copper Helix Tape, Polyester 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 @20 °C	Inductance per conductor (Appr.)		Operating Capacity (Appr.) @20 °C	Current Carrying Capacity In (Appr.)				
(mm <sup>2</sup> )	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(µF/km)	Ground (A) @20°C		Air (A) @30°C		
						●●●	●●		●●●	●●	●●●	●●	
1x25/16 rm	25,0	600	1000	140	1,200	0,79	0,47	0,16	112	108	153	127	
1x35/16 rm	26,0	650	1000	140	0,868	0,75	0,44	0,18	160	135	185	154	
1x50/16 rm	27,0	750	1000	160	0,641	0,73	0,43	0,19	195	175	215	184	
1x70/16 rm	29,0	850	1000	160	0,443	0,70	0,40	0,22	235	210	270	230	
1x95/16 rm	31,0	950	1000	160	0,320	0,67	0,38	0,24	280	255	325	280	
1x120/16 rm	32,0	1100	1000	160	0,253	0,65	0,37	0,27	320	290	375	324	
1x150/25 rm	33,0	1300	1000	160	0,206	0,63	0,35	0,29	352	320	425	368	
1x185/25 rm	35,0	1450	1000	180	0,1640	0,61	0,34	0,31	400	365	485	424	
1x240/25 rm	38,0	1700	1000	200	0,1250	0,59	0,33	0,34	460	425	570	502	
1x300/25 rm	40,0	1900	1000	220	0,1000	0,57	0,32	0,38	515	475	645	565	
1x400/35 rm	44,0	2400	1000	220	0,0788	0,55	0,31	0,41	570	540	735	660	
1x500/35 rm	47,0	2800	1000	230	0,0605	0,53	0,30	0,46	630	610	830	745	
1x630/35 rm	52,0	3250	1000	240	0,0469	0,51	0,29	0,53	720	690	945	850	

rm : Stranded Conductor