

12/20 kV

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



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

Code	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminum Conductor, Inner semi-conductor, XLPE insulation, Outer Semi-Conductor, Semi-Conductor Tape, Copper Shield, Copper Helix Tape, Polyester 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)		(mH/km)			(μF/km)	Ground (A) at 20°C		Ground (A) at 30°C	
						●●●	●●		●●●	●●	●●●	●●	
1x35/16 rm	27,0	750	1000	160	0,868	0,75	0,44	0,16	160	135	185	154	
1x50/16 rm	28,0	800	1000	180	0,641	0,73	0,43	0,17	195	175	215	184	
1x70/16 rm	30,0	950	1000	180	0,443	0,70	0,40	0,19	235	210	270	230	
1x95/16 rm	32,0	1050	1000	180	0,320	0,67	0,38	0,22	280	255	325	280	
1x120/16 rm	33,0	1200	1000	180	0,253	0,65	0,37	0,24	320	290	375	324	
1x150/25 rm	35,0	1400	1000	180	0,206	0,63	0,35	0,26	352	320	425	368	
1x185/25 rm	37,0	1550	1000	200	0,1640	0,61	0,34	0,28	400	365	485	424	
1x240/25 rm	39,0	1800	1000	220	0,1250	0,59	0,33	0,30	460	425	570	502	
1x300/25 rm	42,0	2050	1000	240	0,1000	0,57	0,32	0,33	515	475	645	565	
1x400/35 rm	45,0	2550	1000	240	0,0788	0,55	0,31	0,37	570	540	735	660	
1x500/35 rm	49,0	2900	1000	240	0,0605	0,53	0,30	0,41	630	610	830	745	
1x630/35 rm	52,0	3400	1000	260	0,0469	0,51	0,29	0,45	720	690	945	850	

rm : Stranded Conductor