

6/10 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 (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Standard Delivery Length (m)	Standard Delivery Reel Size (cm)	Conductor DC (Max.) Resis. at 20°C (ohm/km)	Inductance per conductor (Appr.) (mH/km)		Operating Capacity (Appr.) at 20°C (µF/km)	Current Carrying Capacity In (Appr.)			
						●●●	●●●		Ground (A) at 20°C		Air (A) at 30°C	
1x25/16 rm	22,0	550	1000	140	1,200	0,78	0,45	0,20	●●●	●●●	●●●	●●●
1x35/16 rm	23,0	600	1000	140	0,868	0,75	0,43	0,22	●●●	●●●	●●●	●●●
1x50/16 rm	24,0	650	1000	140	0,641	0,73	0,41	0,24	●●●	●●●	●●●	●●●
1x70/16 rm	26,0	750	1000	160	0,443	0,69	0,38	0,27	●●●	●●●	●●●	●●●
1x95/16 rm	27,0	870	1000	160	0,320	0,66	0,36	0,30	●●●	●●●	●●●	●●●
1x120/16 rm	29,0	970	1000	160	0,253	0,64	0,35	0,33	●●●	●●●	●●●	●●●
1x150/25 rm	31,0	1200	1000	160	0,206	0,62	0,34	0,36	●●●	●●●	●●●	●●●
1x185/25 rm	33,0	1300	1000	160	0,1640	0,61	0,33	0,39	●●●	●●●	●●●	●●●
1x240/25 rm	36,0	1550	1000	180	0,1250	0,58	0,32	0,44	●●●	●●●	●●●	●●●
1x300/25 rm	38,0	1800	1000	200	0,1000	0,56	0,31	0,48	●●●	●●●	●●●	●●●
1x400/35 rm	41,0	2250	1000	220	0,0788	0,55	0,30	0,53	●●●	●●●	●●●	●●●
1x500/35 rm	45,0	2600	1000	230	0,0605	0,53	0,29	0,59	●●●	●●●	●●●	●●●
1x630/35 rm	48,0	3050	1000	240	0,0469	0,51	0,28	0,68	●●●	●●●	●●●	●●●

rm : Stranded Conductor