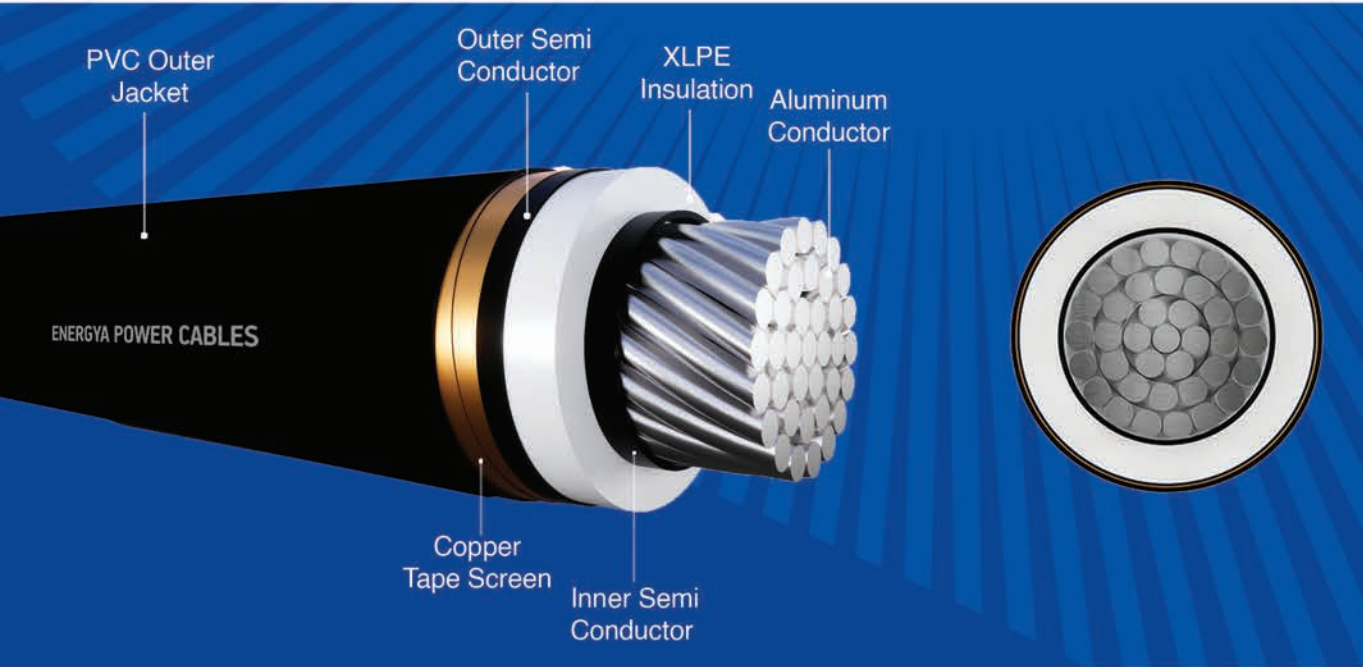
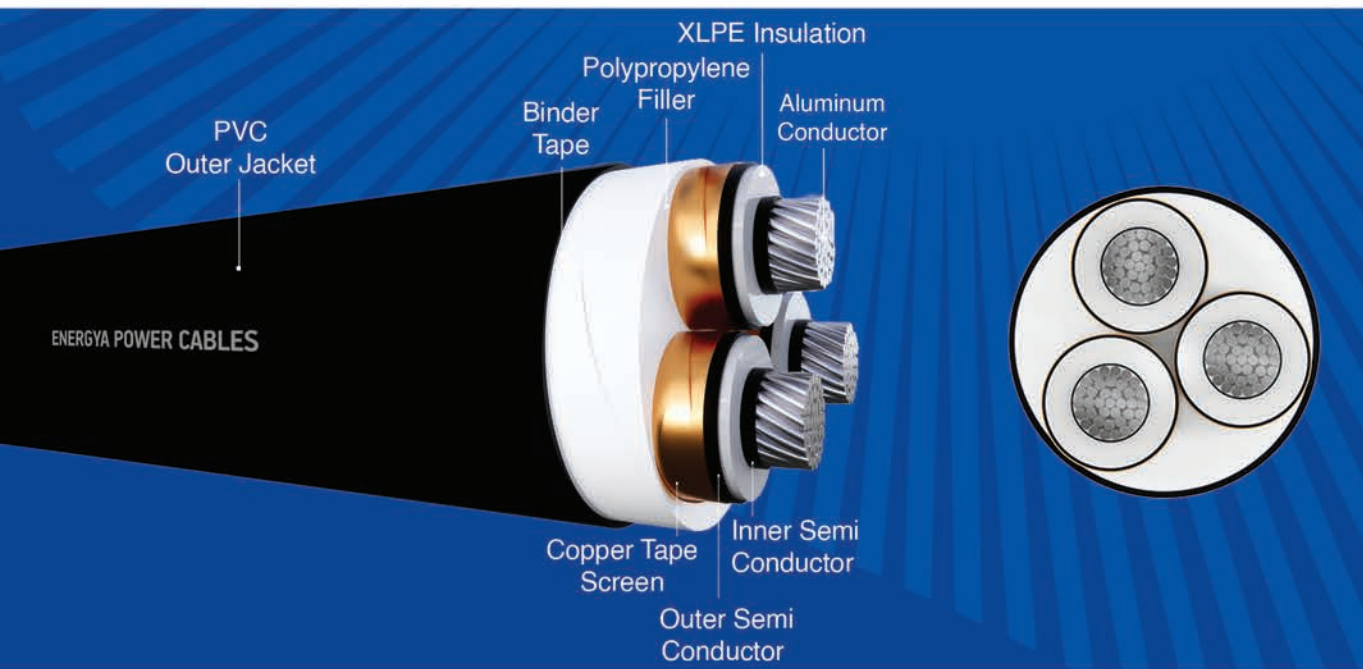


SINGLE CORE CABLES 6/10 (12) KV



MULTI CORE CABLES 6/10 (12) KV



Single & Multi Core Cables, with stranded Circular Aluminum conductors, XLPE insulated and PVC Sheath.

Description

- Stranded circular compacted Aluminum conductor, Semi-conducting layer as conductor screen, XLPE insulated, semi-conducting layer as non-metallic insulation screen, copper tape or wires as a metallic insulation screen, Multi cores are assembled together with non-hygroscopic polypropylene fillers and wrapped with binder tape, and PVC sheathed.
- Cables are produced according to IEC 60502-2.

Application

- These cables are generally suitable for direct burial or for installation on trays or in ducts.

SINGLE CORE CABLES

Product Code	Nominal Cross sectional area mm ²	Max. Conductor Resistance		Capacitance µf/km	Inductance		Current Rating					Approx. Overall Diameter mm	Approx. Weight Kg/Km	
		DC at 20 °C Ω/km	AC at 90 °C Ω/km		Trefoil mh/km	Flat mh/km	Laid in ground			Laid in free air (Shaded)				
							Flat	Trefoil	Duct	Flat Touched	Trefoil Touched			
1 Core - AL/XLPE/PVC														
AT14X201U1	50	0.641	0.8220	0.2630	0.3703	0.4166	163	167	125	176	184	19.8	465	
AT15X201U1	70	0.443	0.5682	0.2985	0.3521	0.3983	200	199	156	225	231	21.6	565	
AT16X201U1	95	0.32	0.4107	0.3315	0.3370	0.3833	239	245	187	273	276	23.1	665	
AT17X201U1	120	0.253	0.3249	0.3623	0.3271	0.3733	272	280	215	316	324	24.7	775	
AT18X201U1	150	0.206	0.2648	0.3931	0.3172	0.3634	306	309	244	354	365	26.1	885	
AT19X201U1	185	0.164	0.2112	0.4303	0.3059	0.3521	347	349	278	414	426	28	1035	
AT20X201U1	240	0.125	0.1616	0.4806	0.2958	0.3420	403	402	333	487	497	30.5	1255	
AT30X201U1	300	0.1	0.1299	0.5330	0.2860	0.3323	453	451	374	563	575	32.9	1475	
AT40X201U1	400	0.0778	0.1021	0.5919	0.2779	0.3241	518	511	434	657	669	36	1815	
AT50X201U1	500	0.0605	0.0806	0.6682	0.2709	0.3171	592	584	505	771	782	39.7	2215	
AT60X201U1	630	0.0469	0.0641	0.7444	0.2648	0.3110	673	680	580	896	904	43.6	2750	
AT70X201U1	800	0.0367	0.0522	0.8488	0.2568	0.3031	758	781	662	1036	1037	48.6	3430	

MULTI CORE CABLES

Product Code	Nominal Cross sectional area mm ²	Max. Conductor Resistance		Capacitance µf/km	Inductance mh/km	Current Rating			Approx. Overall Diameter mm	Approx. Weight Kg/Km	
		DC at 20 °C Ω/km	AC at 90 °C Ω/km			Ground	Duct	Laid In Free Air			
											A
3 Core - AL/XLPE/PVC											
AT14X203U1	50	0.641	0.8220	0.2630	0.3466	160	121	171	41.6	1620	
AT15X203U1	70	0.443	0.5683	0.2985	0.3286	196	150	214	45.3	1955	
AT16X203U1	95	0.32	0.4108	0.3315	0.3154	235	180	260	48.7	2315	
AT17X203U1	120	0.253	0.3250	0.3623	0.3053	268	207	301	51.9	2675	
AT18X203U1	150	0.206	0.2650	0.3931	0.2968	300	234	343	55.2	3070	
AT19X203U1	185	0.164	0.2114	0.4303	0.2856	341	268	396	59	3560	
AT20X203U1	240	0.125	0.1618	0.4806	0.2761	396	313	470	64.4	4325	
AT30X203U1	300	0.1	0.1302	0.5330	0.2681	449	358	542	70	5160	

- The above data is approximate and subjected to manufacturing tolerance.
- This data is applicable also for 6.35/11 KV

