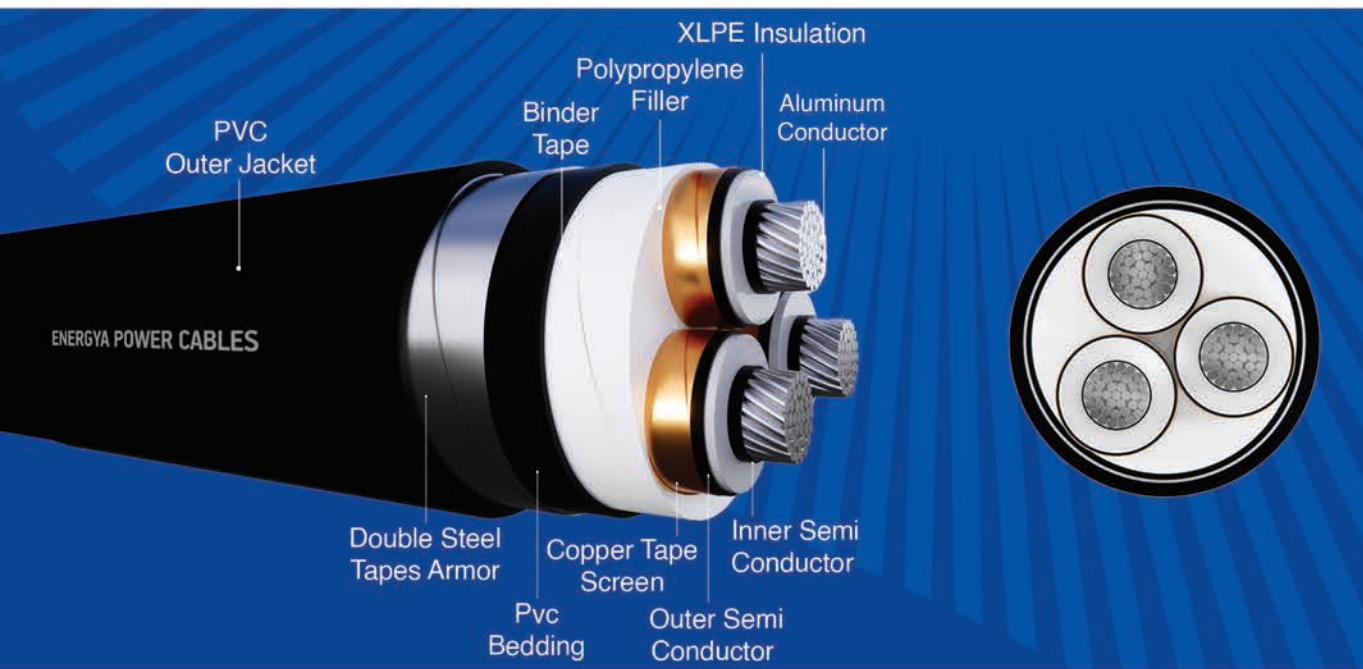


SINGLE CORE CABLES 6/10 (12) KV



MULTI CORE CABLES 6/10 (12) KV



Single & Multi Core Cables, with stranded Circular Aluminum conductors, XLPE insulated, Aluminum tape armored or Steel tape armored 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 wire as a metallic insulation screen, Multi cores are assembled together with non-hygroscopic polypropylene fillers and wrapped with binder tape, covered with a layer of PVC as a bedding layer, Aluminum or Steel tape armored 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/ATA/PVC														
AT14X201B1	50	0.641	0.8220	0.2630	0.4088	0.4550	163	163	132	183	187	24	705	
AT15X201B1	70	0.443	0.5682	0.2985	0.3861	0.4323	200	200	165	227	234	25.6	815	
AT16X201B1	95	0.32	0.4106	0.3315	0.3704	0.4167	238	238	193	276	284	27.3	940	
AT17X201B1	120	0.253	0.3248	0.3623	0.3571	0.4033	273	270	215	320	327	28.7	1055	
AT18X201B1	150	0.206	0.2647	0.3931	0.3470	0.3932	304	302	249	363	370	30.3	1195	
AT19X201B1	185	0.164	0.2111	0.4303	0.3338	0.3800	344	342	284	419	426	32.2	1365	
AT20X201B1	240	0.125	0.1614	0.4806	0.3204	0.3667	399	396	333	495	503	34.5	1595	
AT30X201B1	300	0.1	0.1297	0.5330	0.3101	0.3563	452	445	380	571	577	37.1	1860	
AT40X201B1	400	0.0778	0.1018	0.5919	0.2990	0.3452	517	507	436	660	671	40	2215	
AT50X201B1	500	0.0605	0.0803	0.6682	0.2910	0.3372	591	572	504	777	776	43.9	2675	
AT60X201B1	630	0.0469	0.0637	0.7444	0.2832	0.3294	670	642	600	901	891	47.8	3250	
AT70X201B1	800	0.0367	0.0517	0.8488	0.2734	0.3196	753	713	662	1041	1016	52.8	3990	

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/STA/PVC											
AT14X203A1	50	0.641	0.8220	0.2630	0.3466	153	120	166	46.4	2600	
AT15X203A1	70	0.443	0.5683	0.2985	0.3286	186	149	206	50.3	3045	
AT16X203A1	95	0.32	0.4108	0.3315	0.3154	223	178	249	53.5	3460	
AT17X203A1	120	0.253	0.3250	0.3623	0.3053	254	204	287	56.7	3895	
AT18X203A1	150	0.206	0.2650	0.3931	0.2968	284	229	326	60	4365	
AT19X203A1	185	0.164	0.2114	0.4303	0.2856	321	261	372	64	4970	
AT20X203A1	240	0.125	0.1618	0.4806	0.2761	372	304	437	69.4	5860	
AT30X203A1	300	0.1	0.1302	0.5330	0.2681	419	345	499	75.2	6865	

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

