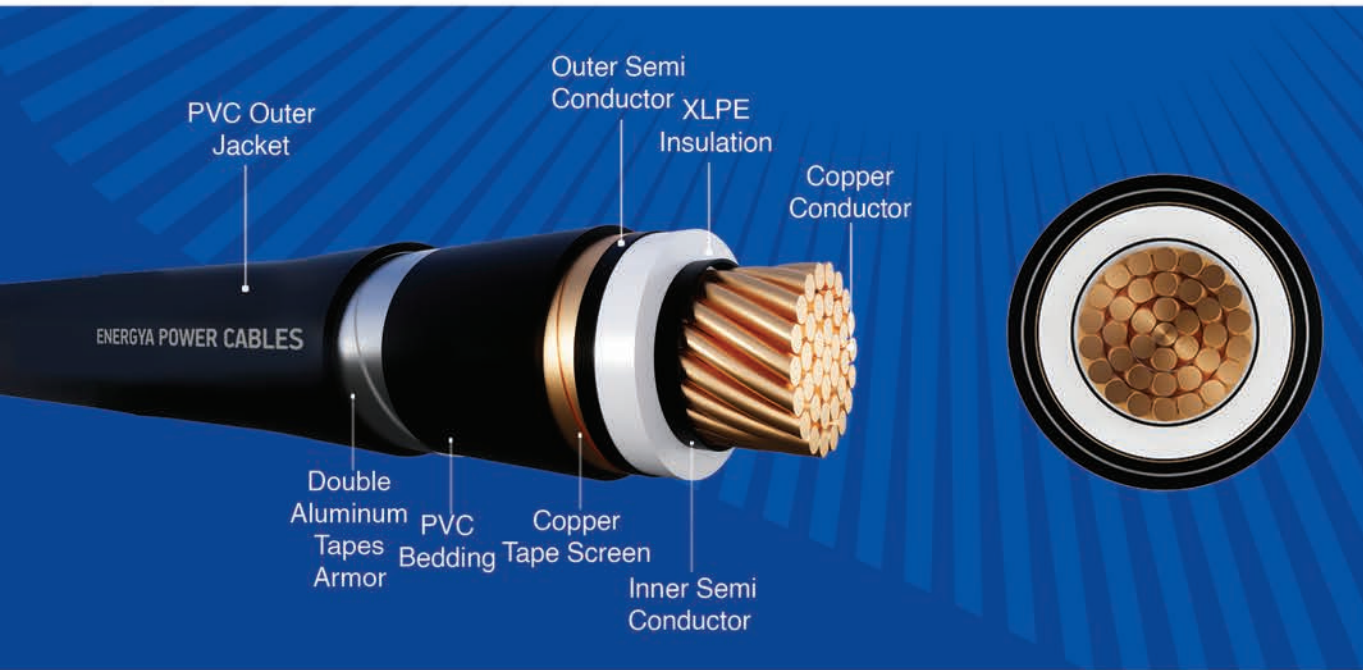


SINGLE CORE CABLES 6/10 (12) KV



MULTI CORE CABLES 6/10 (12) KV



Single & Multi Core Cables, with stranded Circular copper conductors, XLPE insulated, Aluminum tape armored or Steel tape armored and PVC Sheath.

Description

- Stranded circular compacted Copper 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, Aluminium 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 - Cu/XLPE/ATA/PVC														
CT14X201B1	50	0.387	0.4937	0.2630	0.4088	0.4550	211	210	171	236	241	24	990	
CT15X201B1	70	0.268	0.3421	0.3051	0.3824	0.4286	258	257	208	294	500	25.9	1240	
CT16X201B1	95	0.193	0.2467	0.3315	0.3704	0.4167	308	306	249	357	364	27.3	1520	
CT17X201B1	120	0.153	0.1959	0.3623	0.3571	0.4033	349	347	285	412	419	28.7	1785	
CT18X201B1	150	0.124	0.1591	0.3931	0.3470	0.3932	392	388	330	468	476	30.3	2085	
CT19X201B1	185	0.0991	0.1277	0.4303	0.3338	0.3800	442	436	365	537	544	32.2	2495	
CT20X201B1	240	0.0754	0.0980	0.4828	0.3199	0.3661	512	502	426	634	640	34.6	3090	
CT30X201B1	300	0.0601	0.0791	0.5396	0.3093	0.3555	577	562	484	729	731	37.4	3715	
CT40X201B1	400	0.047	0.0631	0.5963	0.3000	0.3462	653	630	552	840	835	40.2	4590	
CT50X201B1	500	0.0366	0.0509	0.6703	0.2898	0.3360	736	701	630	969	953	43.8	5765	
CT60X201B1	630	0.0283	0.0414	0.7455	0.2824	0.3287	822	772	711	1107	1074	47.7	7170	
CT70X201B1	800	0.0221	0.0348	0.8401	0.2742	0.3204	905	836	794	1250	1193	52.4	9085	

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 - Cu/XLPE/STA/PVC											
CT14X203A1	50	0.387	0.4938	0.2630	0.3466	196	155	214	46.4	3455	
CT15X203A1	70	0.268	0.3423	0.3051	0.3257	240	192	266	50.9	4335	
CT16X203A1	95	0.193	0.2469	0.3315	0.3154	287	230	321	53.5	5190	
CT17X203A1	120	0.153	0.1962	0.3623	0.3053	326	262	368	56.7	6085	
CT18X203A1	150	0.124	0.1595	0.3931	0.2968	365	293	417	60	7040	
CT19X203A1	185	0.0991	0.1282	0.4303	0.2856	410	333	475	64	8360	
CT20X203A1	240	0.0754	0.0987	0.4828	0.2757	472	385	556	69.6	10345	
CT30X203A1	300	0.0601	0.0799	0.5396	0.2678	528	435	632	75.8	12435	

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

