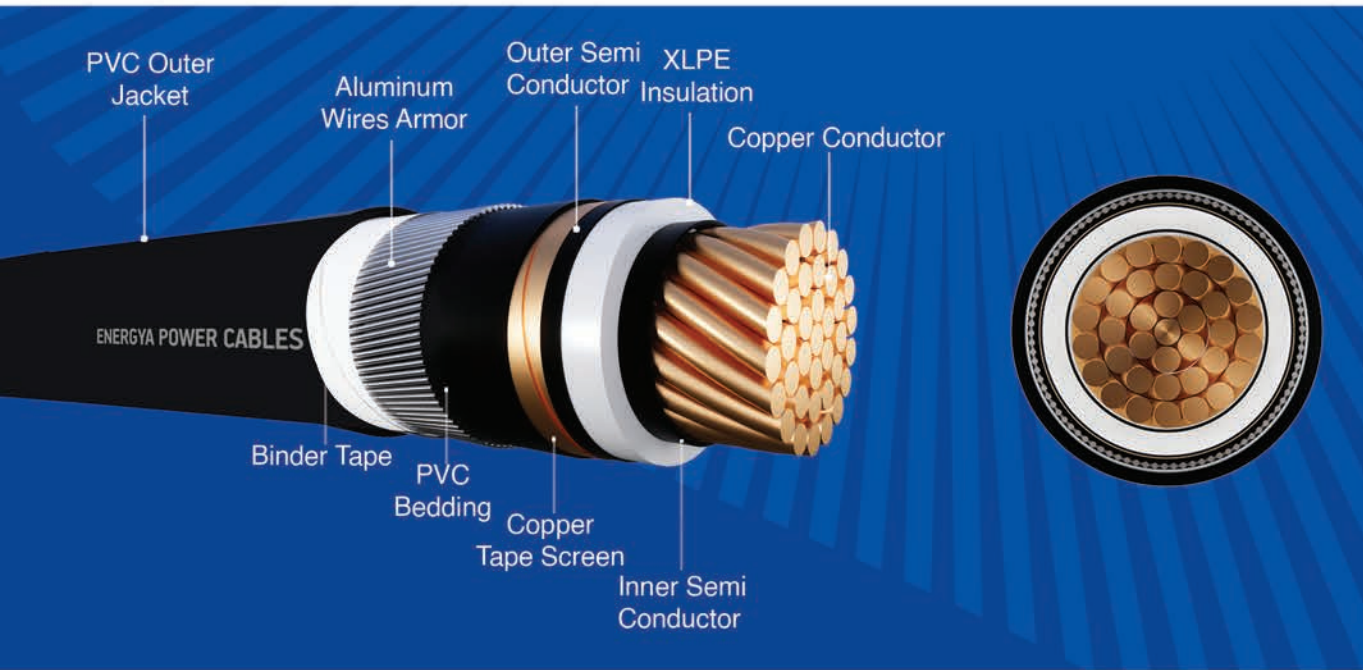
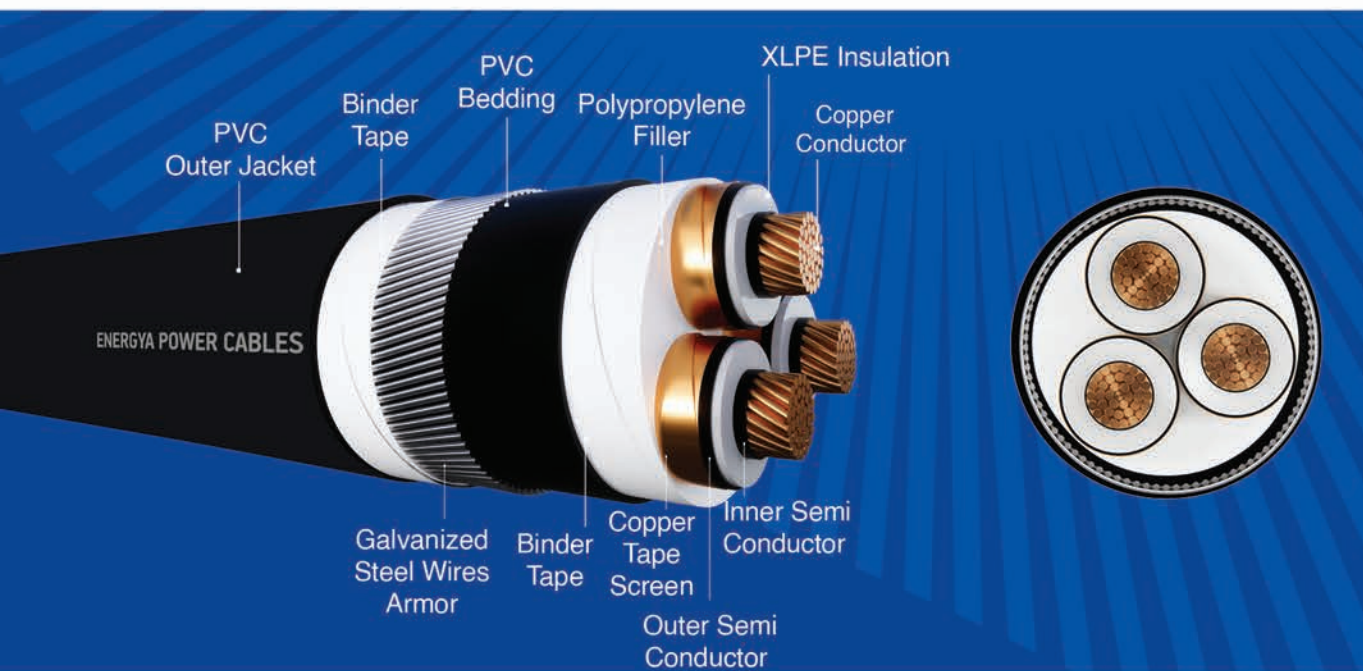


SINGLE CORE CABLES 6/10 (12) KV



MULTI CORE CABLES 6/10 (12) KV



Single & Multi Core Cables, with stranded Circular Copper conductors, XLPE insulated, Aluminum wires or Steel wires 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, Aluminum or Steel wire armored and PVC sheathed.
- Cables are produced according to IEC 60502-2 or BS6622.

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/AWA/PVC														
CT14X201X1	50	0.387	0.4937	0.2630	0.4241	0.4703	211	210	170	239	243	25.9	1115	
CT15X201X1	70	0.268	0.3421	0.3051	0.3980	0.4442	258	256	209	297	301	28	1390	
CT16X201X1	95	0.193	0.2466	0.3315	0.3839	0.4301	306	304	250	359	362	29.2	1665	
CT17X201X1	120	0.153	0.1958	0.3623	0.3744	0.4207	345	342	284	414	413	31.3	2000	
CT18X201X1	150	0.124	0.1590	0.3931	0.3635	0.4097	386	381	319	468	465	32.9	2310	
CT19X201X1	185	0.0991	0.1276	0.4303	0.3482	0.3944	434	425	360	534	525	34.6	2710	
CT20X201X1	240	0.0754	0.0979	0.4828	0.3344	0.3806	496	479	416	624	605	37.2	3345	
CT30X201X1	300	0.0601	0.0789	0.5396	0.3217	0.3680	555	527	468	711	681	39.8	3975	
CT40X201X1	400	0.047	0.0628	0.5963	0.3171	0.3633	609	562	520	802	747	43.8	5025	
CT50X201X1	500	0.0366	0.0505	0.6703	0.3056	0.3518	674	610	583	910	830	47.4	6225	
CT60X201X1	630	0.0283	0.0410	0.7455	0.2970	0.3432	737	653	644	1019	909	51.3	7680	
CT70X201X1	800	0.0221	0.0343	0.8401	0.2875	0.3337	799	692	705	1130	992	56	9640	

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		
3 Core - Cu/XLPE/SWA/PVC										
CT14X203W1	50	0.387	0.4938	0.2630	0.3466	198	157	217	49.6	4855
CT15X203W1	70	0.268	0.3423	0.3051	0.3257	243	195	271	53.9	5815
CT16X203W1	95	0.193	0.2469	0.3315	0.3154	289	233	326	56.7	6775
CT17X203W1	120	0.153	0.1962	0.3623	0.3053	327	264	373	59.9	7790
CT18X203W1	150	0.124	0.1595	0.3931	0.2968	366	297	423	63.2	8825
CT19X203W1	185	0.0991	0.1282	0.4303	0.2856	411	336	480	67.2	10295
CT20X203W1	240	0.0754	0.0987	0.4828	0.2757	472	389	561	74.9	13305
CT30X203W1	300	0.0601	0.0799	0.5396	0.2678	525	437	635	80.9	15665

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

