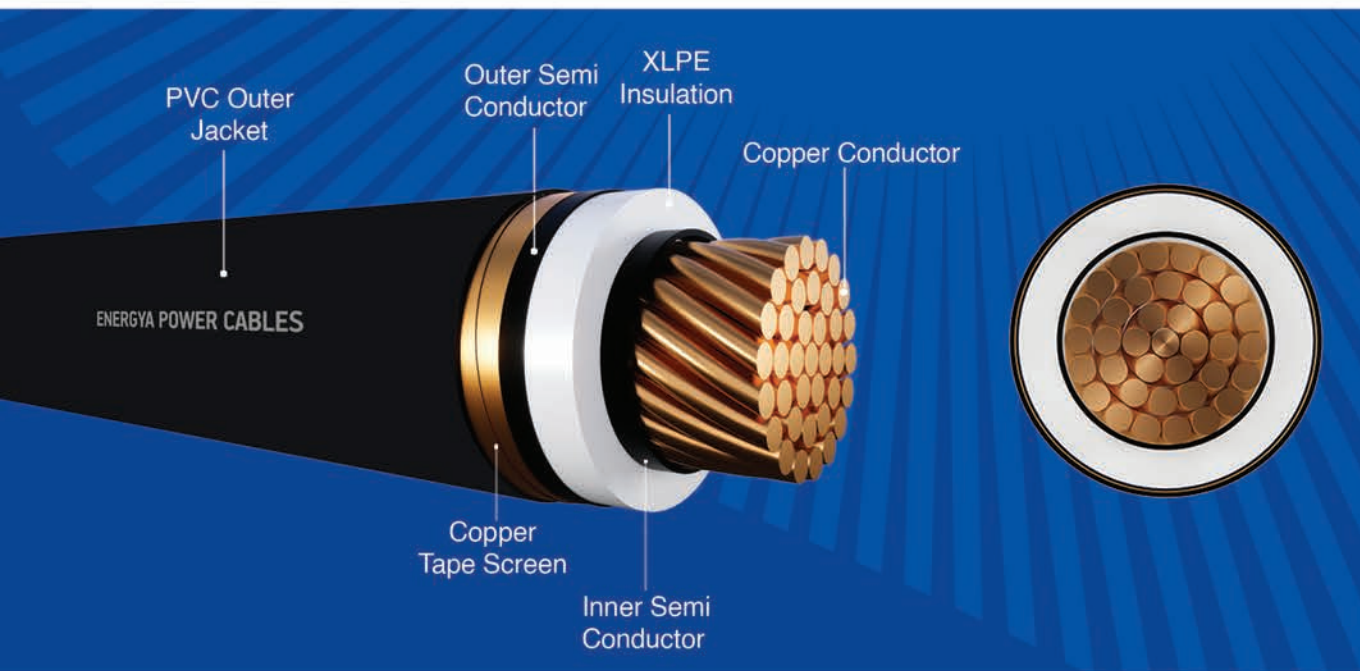
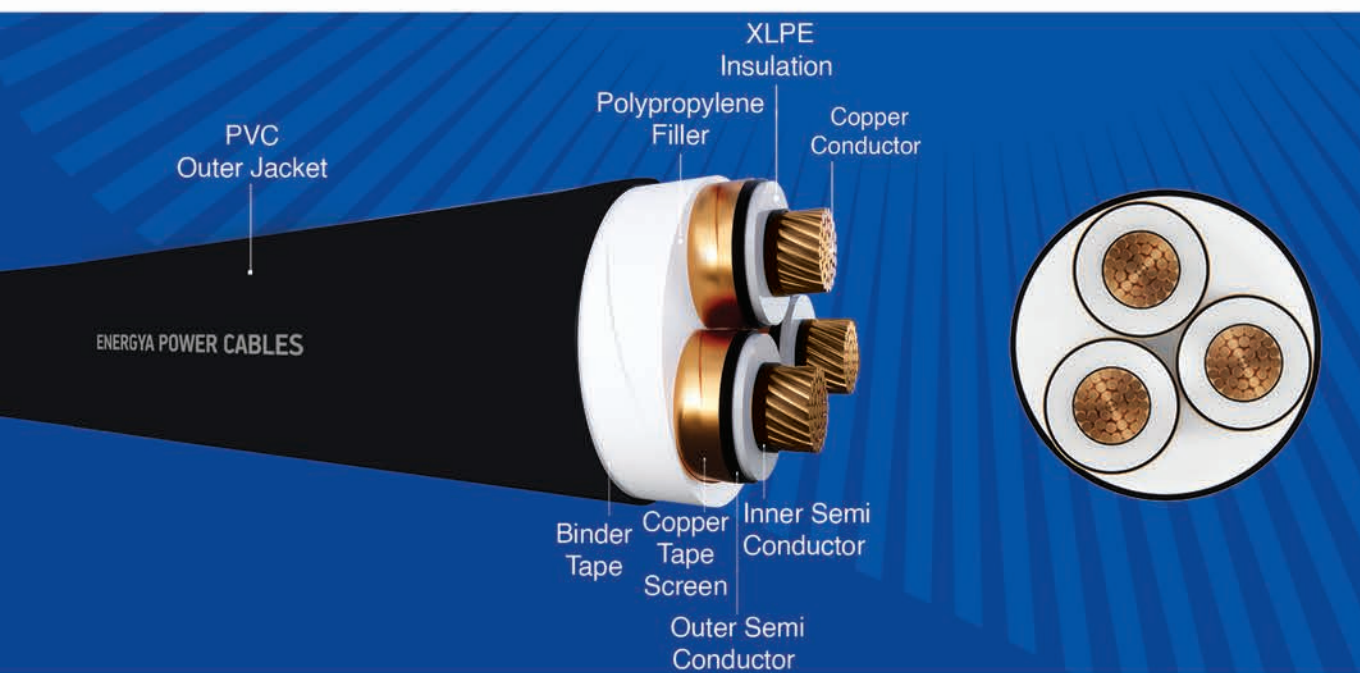


SINGLE CORE CABLES 6/10 (12) KV



MULTI CORE CABLES 6/10 (12) KV



Single & Multi Core Cables, with stranded Circular copper conductors, XLPE insulated, 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 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 - Cu/XLPE/PVC														
CT14X201U1	50	0.387	0.4938	0.2630	0.3703	0.4166	210	216	162	227	233	19.8	750	
CT15X201U1	70	0.268	0.3422	0.3051	0.3488	0.3950	258	258	200	287	295	21.9	990	
CT16X201U1	95	0.193	0.2468	0.3315	0.3370	0.3833	306	306	240	347	356	23.1	1240	
CT17X201U1	120	0.153	0.1960	0.3623	0.3271	0.3733	349	348	277	401	412	24.7	1505	
CT18X201U1	150	0.124	0.1593	0.3931	0.3172	0.3634	391	389	313	457	466	26.1	1775	
CT19X201U1	185	0.0991	0.1279	0.4303	0.3059	0.3521	442	440	364	526	536	28	2165	
CT20X201U1	240	0.0754	0.0983	0.4828	0.2953	0.3416	512	508	420	625	634	30.6	2745	
CT30X201U1	300	0.0601	0.0794	0.5396	0.2855	0.3317	577	570	480	721	729	33.2	3330	
CT40X201U1	400	0.047	0.0636	0.5963	0.2790	0.3252	654	642	548	830	840	36.2	4190	
CT50X201U1	500	0.0366	0.0515	0.6703	0.2696	0.3158	739	720	626	961	966	39.6	5305	
CT60X201U1	630	0.0283	0.0421	0.7455	0.2640	0.3102	826	798	712	1101	1098	43.5	6670	
CT70X201U1	800	0.0221	0.0355	0.8401	0.2575	0.3037	912	872	797	1248	1234	48.2	8535	

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/PVC											
CT14X203U1	50	0.387	0.4938	0.2630	0.3466	206	156	220	41.6	2475	
CT15X203U1	70	0.268	0.3423	0.3051	0.3257	253	193	275	45.9	3230	
CT16X203U1	95	0.193	0.2469	0.3315	0.3154	303	232	336	48.7	4045	
CT17X203U1	120	0.153	0.1962	0.3623	0.3053	344	267	388	51.9	4865	
CT18X203U1	150	0.124	0.1595	0.3931	0.2968	387	301	442	55.2	5750	
CT19X203U1	185	0.0991	0.1282	0.4303	0.2856	438	343	508	59	6950	
CT20X203U1	240	0.0754	0.0987	0.4828	0.2757	508	401	601	64.6	8805	
CT30X203U1	300	0.0601	0.0799	0.5396	0.2678	578	462	706	70.6	10720	

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

