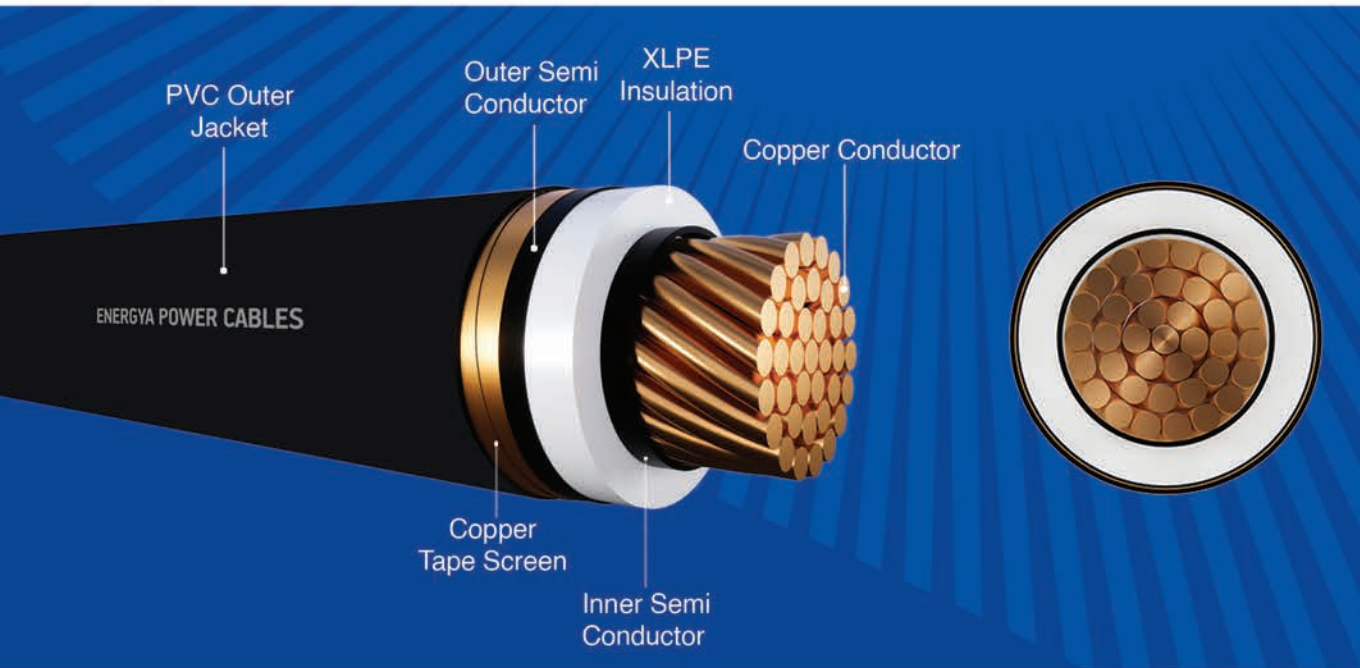
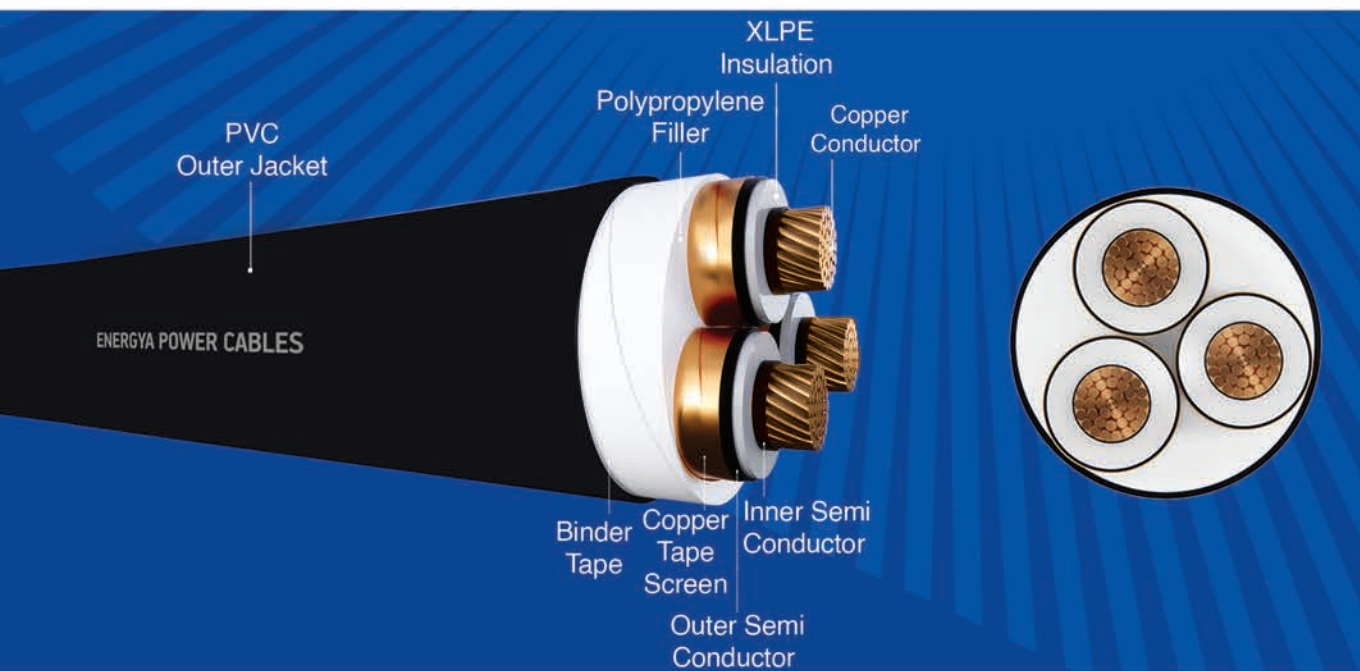


## SINGLE CORE CABLES 18/30 (36) KV



## MULTI CORE CABLES 18/30 (36) 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 <sup>2</sup>	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			
<b>1 Core - Cu/XLPE/PVC</b>														
CT14X501U1	50	0.387	0.4937	0.1412	0.4508	0.4970	210	216	162	227	238	29.6	1175	
CT15X501U1	70	0.268	0.3421	0.1596	0.4215	0.4677	258	262	203	290	295	31.5	1430	
CT16X501U1	95	0.193	0.2466	0.1711	0.4078	0.4540	306	314	246	351	364	32.9	1715	
CT17X501U1	120	0.153	0.1958	0.1844	0.3927	0.4390	351	357	284	407	420	34.3	1990	
CT18X501U1	150	0.124	0.1590	0.1976	0.3809	0.4272	395	398	320	464	471	35.9	2300	
CT19X501U1	185	0.0991	0.1275	0.2135	0.3648	0.4111	446	449	371	527	544	37.6	2700	
CT20X501U1	240	0.0754	0.0977	0.2358	0.3499	0.3961	517	515	428	633	641	40.2	3320	
CT30X501U1	300	0.0601	0.0787	0.2599	0.3372	0.3834	588	577	489	729	740	43	3960	
CT40X501U1	400	0.047	0.0627	0.2839	0.3261	0.3723	666	645	555	834	845	45.8	4850	
CT50X501U1	500	0.0366	0.0503	0.3151	0.3138	0.3601	749	725	630	965	973	49.4	6040	
CT60X501U1	630	0.0283	0.0408	0.3467	0.3039	0.3501	838	802	715	1106	1099	53.1	7440	
CT70X501U1	800	0.0221	0.0341	0.3864	0.2938	0.3400	917	874	802	1251	1238	57.8	9375	

### MULTI CORE CABLES

Product Code	Nominal Cross sectional area mm <sup>2</sup>	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
<b>3 Core - CU/XLPE/PVC</b>											
CT14X503U1	50	0.387	0.4937	0.1412	0.4333	208	169	239	62.5	4055	
CT15X503U1	70	0.268	0.3421	0.1596	0.4052	253	206	292	66.8	4930	
CT16X503U1	95	0.193	0.2466	0.1711	0.3909	304	247	353	69.6	5825	
CT17X503U1	120	0.153	0.1958	0.1844	0.3766	345	282	406	72.8	6735	
CT18X503U1	150	0.124	0.1591	0.1976	0.3645	388	318	461	76	7705	
CT19X503U1	185	0.0991	0.1276	0.2135	0.3492	439	361	527	79.9	9025	
CT20X503U1	240	0.0754	0.0979	0.2358	0.3344	509	421	621	85.5	11035	
CT30X503U1	300	0.0601	0.0790	0.2599	0.3219	580	483	722	91.5	13120	

- The above data is approximate and subjected to manufacturing tolerance.
- This data is applicable also for 19/33 KV.

