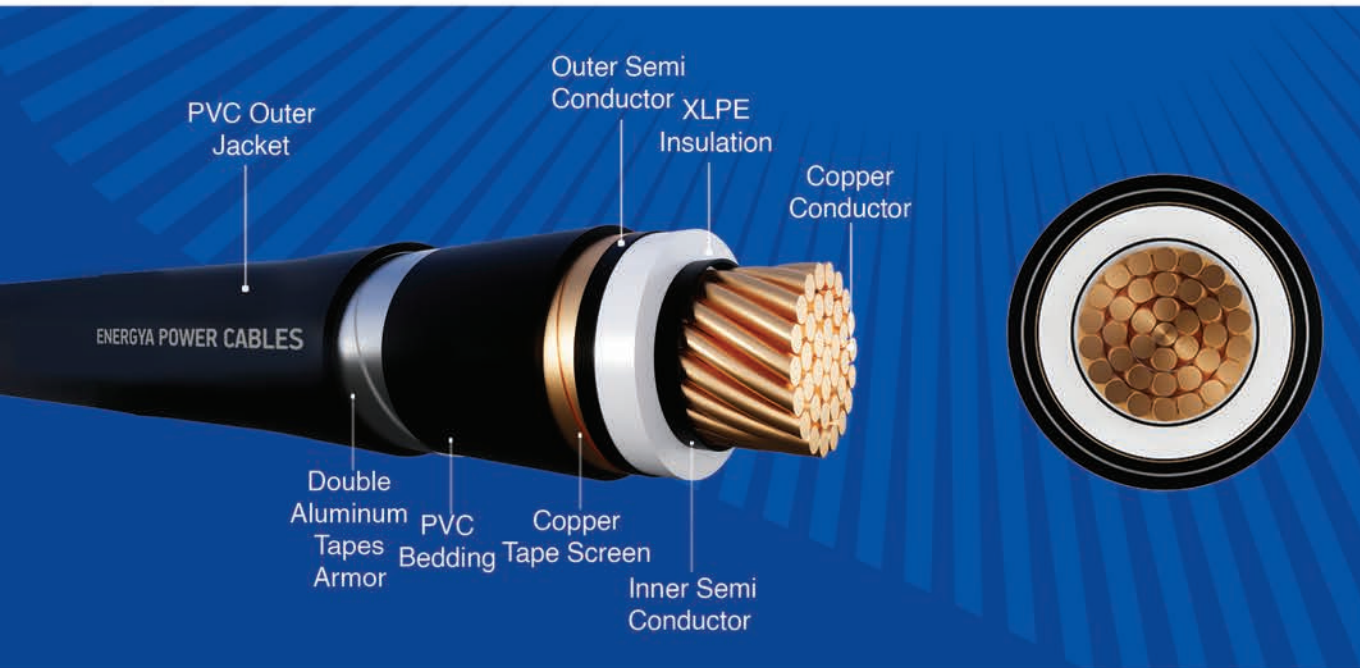
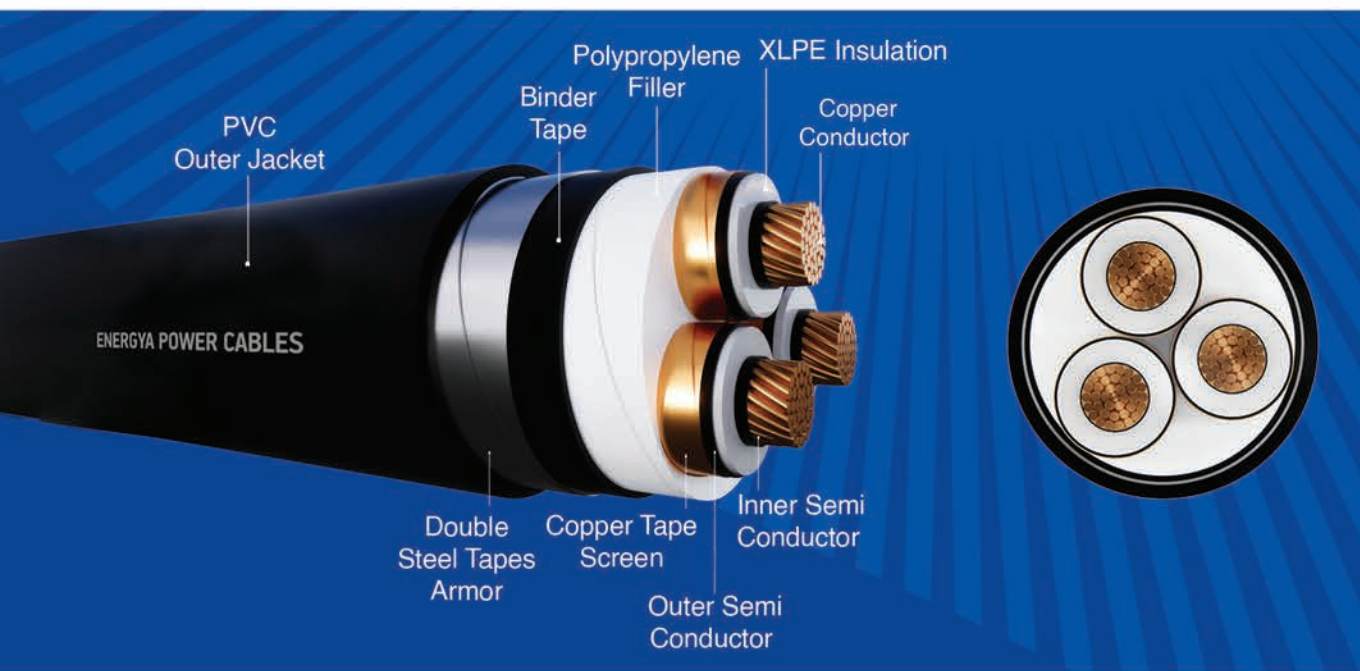


## SINGLE CORE CABLES 18/30 (36) KV



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



Single & Multi Core Cables, with stranded circular copper conductors, XLPE insulated, 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, 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 <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/ATA/PVC</b>														
CT14X501B1	50	0.387	0.4937	0.1412	0.4761	0.5223	209	208	177	245	248	33.6	1505	
CT15X501B1	70	0.268	0.3421	0.1596	0.4466	0.4928	255	253	218	303	309	35.7	1800	
CT16X501B1	95	0.193	0.2466	0.1711	0.4307	0.4769	306	303	260	365	372	36.9	2085	
CT17X501B1	120	0.153	0.1957	0.1844	0.4148	0.4610	346	343	329	423	428	38.3	2370	
CT18X501B1	150	0.124	0.1589	0.1976	0.4021	0.4483	389	384	344	478	485	39.9	2695	
CT19X501B1	185	0.0991	0.1274	0.2135	0.3860	0.4322	440	432	381	547	552	41.8	3135	
CT20X501B1	240	0.0754	0.0976	0.2358	0.3698	0.4160	512	445	442	643	648	44.4	3785	
CT30X501B1	300	0.0601	0.0785	0.2599	0.3558	0.4021	575	556	501	734	736	47.2	4460	
CT40X501B1	400	0.047	0.0625	0.2839	0.3436	0.3898	650	626	570	847	839	50	5375	
CT50X501B1	500	0.0366	0.0500	0.3151	0.3309	0.3771	734	697	647	976	955	53.8	6630	
CT60X501B1	630	0.0283	0.0404	0.3467	0.3198	0.3660	822	769	636	1116	1077	57.5	8075	
CT70X501B1	800	0.0221	0.0336	0.3864	0.3085	0.3547	908	835	820	1260	1196	62.2	10065	

### 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/STA/PVC</b>											
CT14X503A1	50	0.387	0.4937	0.1412	0.4333	197	164	224	67.5	5550	
CT15X503A1	70	0.268	0.3421	0.1596	0.4052	241	202	277	72	6560	
CT16X503A1	95	0.193	0.2466	0.1711	0.3909	287	241	333	74.8	7520	
CT17X503A1	120	0.153	0.1958	0.1844	0.3766	326	274	381	79.6	9320	
CT18X503A1	150	0.124	0.1591	0.1976	0.3645	366	308	431	82.6	10360	
CT19X503A1	185	0.0991	0.1276	0.2135	0.3492	411	349	489	86.7	11850	
CT20X503A1	240	0.0754	0.0979	0.2358	0.3344	473	403	570	92.5	14100	
CT30X503A1	300	0.0601	0.0790	0.2599	0.3219	532	455	647	98.5	16395	

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

