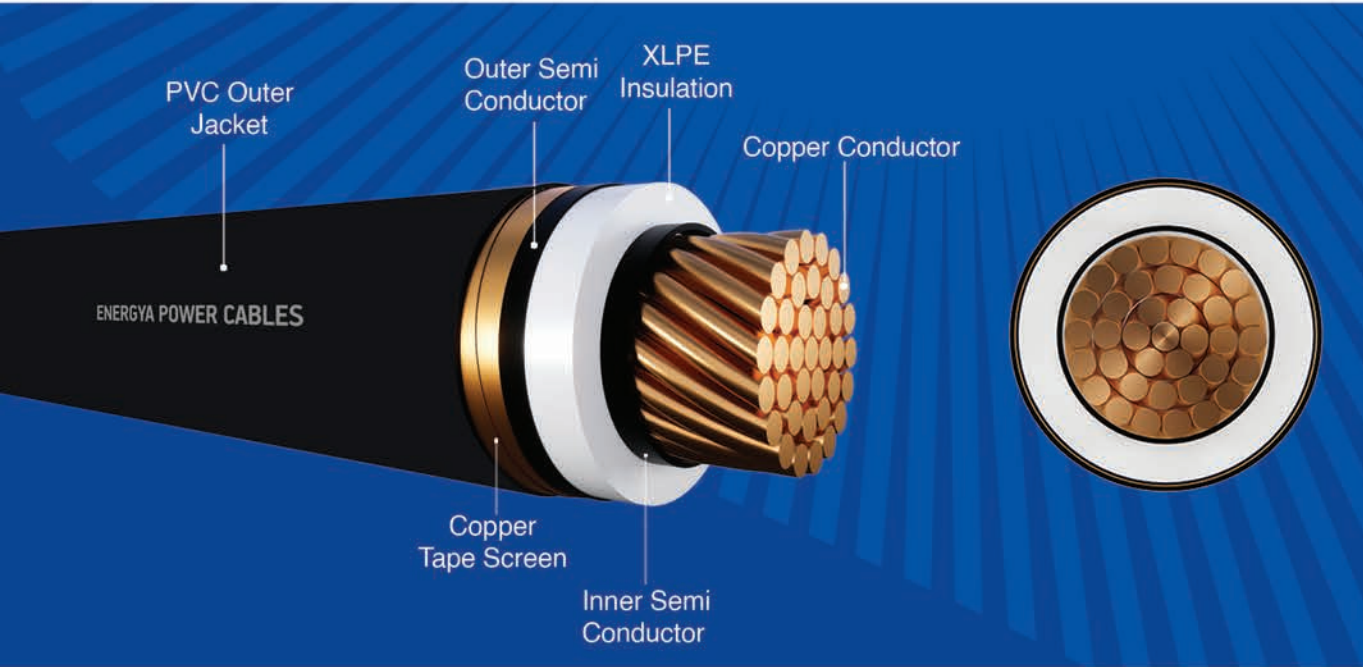
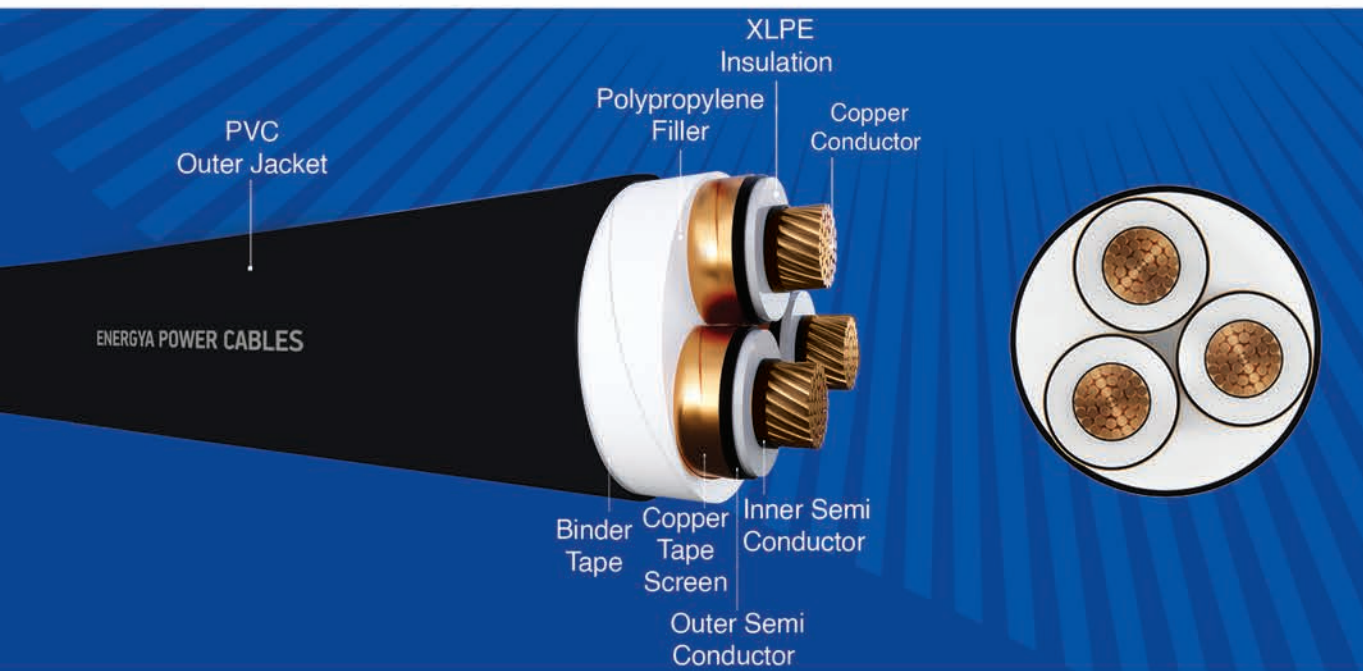


## SINGLE CORE CABLES 3.6/6 (7.2) KV



## MULTI CORE CABLES 3.6/6 (7.2) 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>														
CT14XB01U1	50	0.387	0.4938	0.3200	0.3557	0.5362	210	216	158	223	229	18.4	700	
CT15XB01U1	70	0.268	0.3422	0.3735	0.3336	0.5126	258	258	201	282	290	20.3	925	
CT16XB01U1	95	0.193	0.2468	0.4072	0.3245	0.4901	307	306	238	343	350	21.7	1185	
CT17XB01U1	120	0.153	0.1961	0.4464	0.3137	0.4668	349	348	274	395	405	23.1	1435	
CT18XB01U1	150	0.124	0.1594	0.4856	0.3062	0.4714	391	389	310	451	462	24.7	1715	
CT19XB01U1	185	0.0991	0.1280	0.5331	0.2941	0.4769	442	440	353	520	532	26.4	2085	
CT20XB01U1	240	0.0754	0.0984	0.6001	0.2846	0.4666	512	508	413	618	630	29	2660	
CT30XB01U1	300	0.0601	0.0796	0.6492	0.2781	0.4616	577	570	482	714	726	32	3265	
CT40XB01U1	400	0.047	0.0637	0.6722	0.2734	0.4571	655	642	547	827	838	35.2	4125	
CT50XB01U1	500	0.0366	0.0515	0.7107	0.2676	0.4513	739	720	626	960	965	39.2	5280	
CT60XB01U1	630	0.0283	0.0422	0.7908	0.2612	0.4452	825	798	710	1099	1098	42.9	6620	
CT70XB01U1	800	0.0221	0.0356	0.8917	0.2558	0.4401	911	872	796	1246	1232	47.8	8505	

### 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>											
CT14XB03U1	50	0.387	0.4938	0.3200	0.3291	206	155	217	38.2	2265	
CT15XB03U1	70	0.268	0.3423	0.3735	0.3100	253	191	271	42.7	3020	
CT16XB03U1	95	0.193	0.2470	0.4072	0.3007	302	230	331	45.5	3825	
CT17XB03U1	120	0.153	0.1963	0.4464	0.2916	344	261	383	48.7	4630	
CT18XB03U1	150	0.124	0.1596	0.4856	0.2840	387	298	437	51.9	5500	
CT19XB03U1	185	0.0991	0.1283	0.5331	0.2736	437	339	503	55.8	6685	
CT20XB03U1	240	0.0754	0.0989	0.6001	0.2649	507	397	596	61.4	8515	
CT30XB03U1	300	0.0601	0.0801	0.6492	0.2593	578	458	703	67.8	10445	

- The above data is approximate and subjected to manufacturing tolerance.
- This data is applicable also for 3.8/6.6 KV

