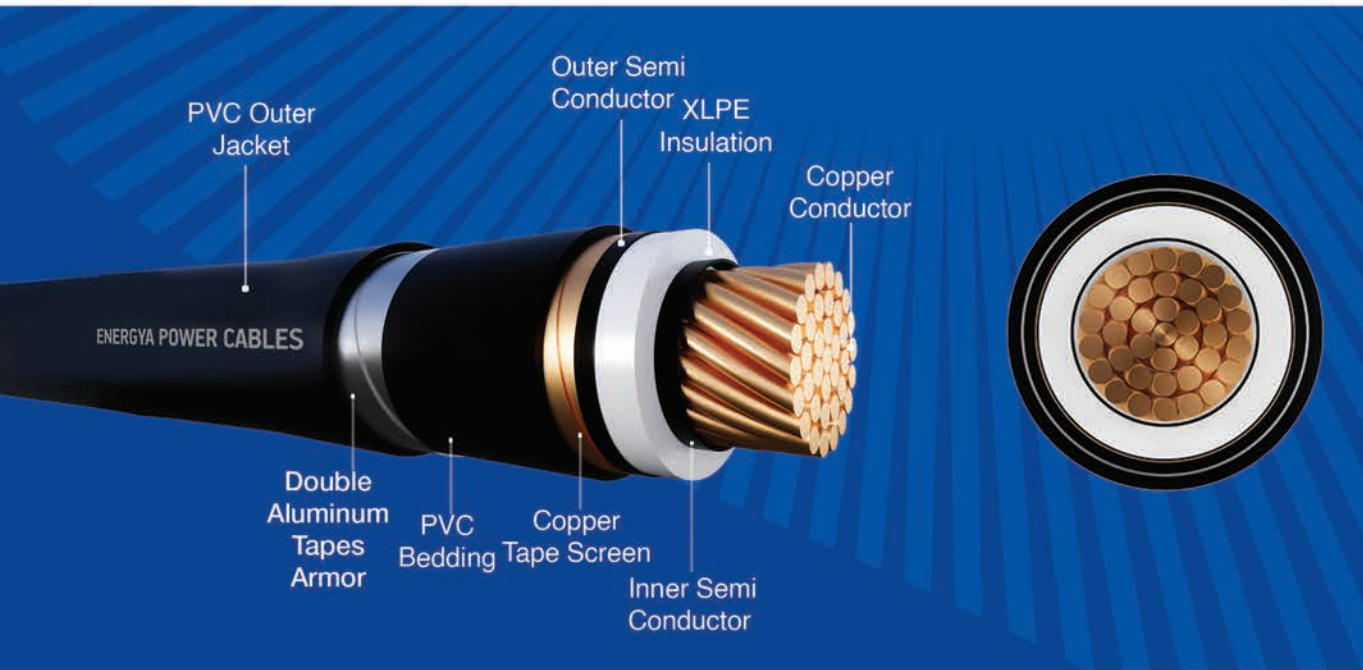
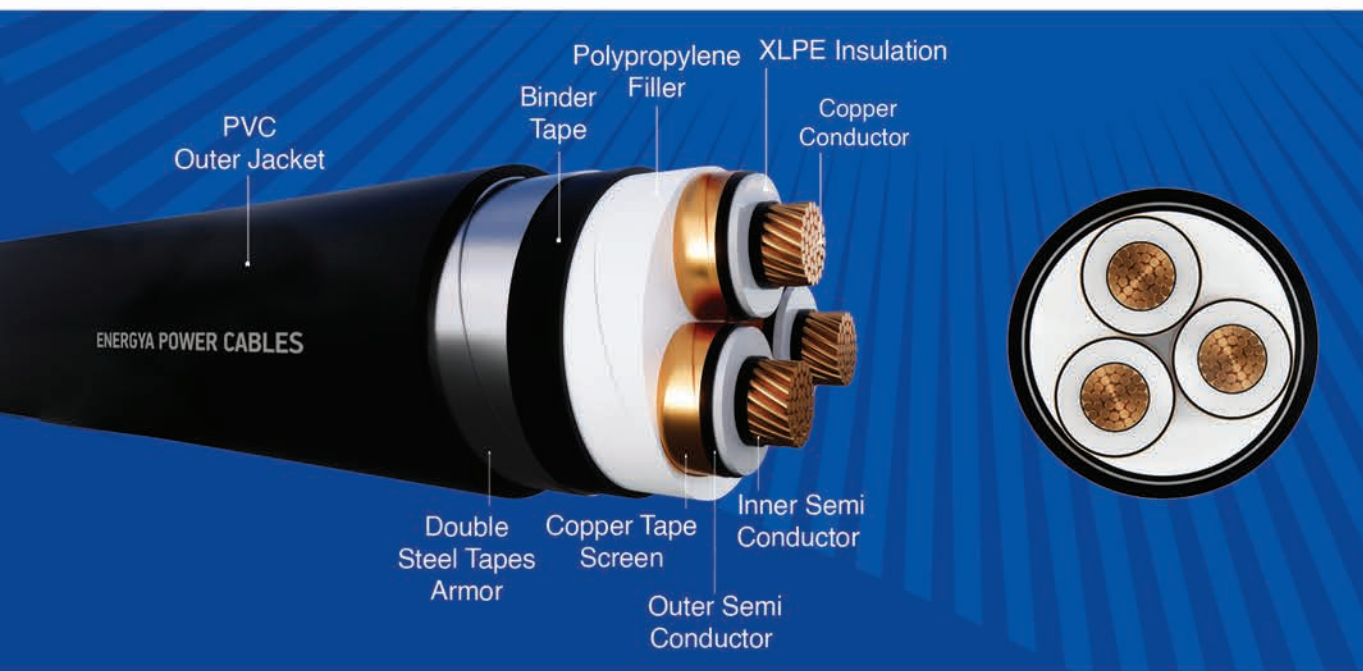


## SINGLE CORE CABLES 3.6/6 (7.2) KV



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



Single & Multi Core Cables, with stranded, Circular Copper conductors, XLPE insulated, 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>														
CT14XB01B1	50	0.387	0.4937	0.3200	0.3968	0.4430	210	210	167	235	239	22.6	925	
CT15XB01B1	70	0.268	0.3421	0.3735	0.3713	0.4175	258	257	206	234	298	24.5	1175	
CT16XB01B1	95	0.193	0.2467	0.4072	0.3584	0.4046	308	306	246	292	362	25.7	1435	
CT17XB01B1	120	0.153	0.1959	0.4464	0.3471	0.3933	351	348	282	364	417	27.3	1715	
CT18XB01B1	150	0.124	0.1592	0.4856	0.3362	0.3824	392	389	318	409	473	28.7	1995	
CT19XB01B1	185	0.0991	0.1278	0.5331	0.3236	0.3698	443	437	362	465	542	30.6	2400	
CT20XB01B1	240	0.0754	0.0981	0.6001	0.3117	0.3579	512	502	423	632	637	33.2	3005	
CT30XB01B1	300	0.0601	0.0792	0.6492	0.3028	0.349	577	562	482	727	729	36.2	3640	
CT40XB01B1	400	0.047	0.0632	0.6722	0.2949	0.3412	653	630	550	839	835	39.2	4515	
CT50XB01B1	500	0.0366	0.0509	0.7107	0.2879	0.3342	736	701	629	968	953	43.4	5735	
CT60XB01B1	630	0.0283	0.0415	0.7908	0.2808	0.3270	822	772	710	1106	1073	47.3	7135	
CT70XB01B1	800	0.0221	0.0348	0.8917	0.2727	0.3189	905	836	791	1249	1192	52	9050	

### 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>											
CT14XB03A1	50	0.387	0.4938	0.3200	0.3291	197	154	212	42.8	3150	
CT15XB03A1	70	0.268	0.3423	0.3735	0.3100	241	191	265	47.3	4005	
CT16XB03A1	95	0.193	0.2470	0.4072	0.3007	287	228	319	50.1	4870	
CT17XB03A1	120	0.153	0.1963	0.4464	0.2916	325	260	365	53.5	5775	
CT18XB03A1	150	0.124	0.1596	0.4856	0.2840	364	292	414	56.7	6715	
CT19XB03A1	185	0.0991	0.1283	0.5331	0.2736	411	331	473	60.6	7990	
CT20XB03A1	240	0.0754	0.0989	0.6001	0.2649	472	382	553	66.4	9980	
CT30XB03A1	300	0.0601	0.0801	0.6492	0.2593	529	433	630	72.8	12060	

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

