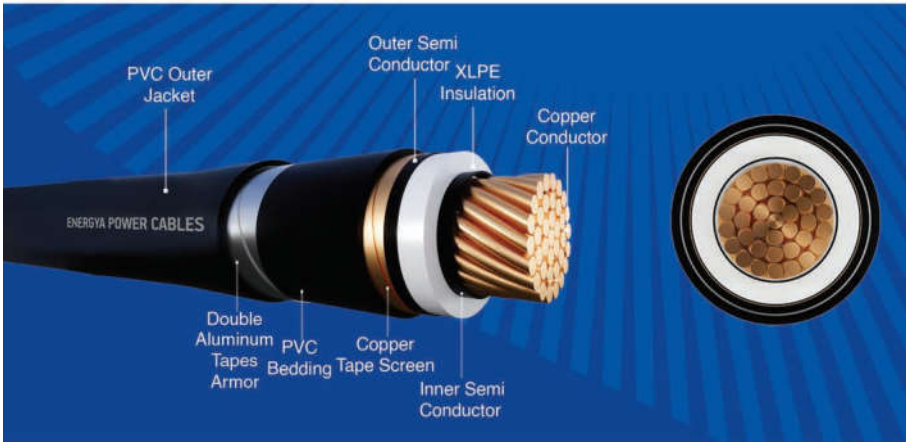


## SINGLE CORE CABLES 8.7/15 (17.5) KV



## MULTI CORE CABLES 8.7/15 (17.5) KV



Single & Multi Core Cables, with stranded Circular copper conductors, XLPE insulated, Aluminum tape 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, Aluminium 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			Trefoil mH/km	Flat mH/km	Laid in ground			Laid in free air (Shaded)			
		Q/km	Q/km				Flat A	Trefoil A	Duct A	Flat Touched A	Trefoil Touched A		
<b>1 Core - Cu/XLPE/ATA/PVC</b>													
CT14X301B1	50	0.387	0.4937	0.2104	0.4279	0.4741	210	209	174	239	242	26.4	1105
CT15X301B1	70	0.268	0.3421	0.2421	0.4001	0.4463	257	256	211	297	303	28.3	1360
CT16X301B1	95	0.193	0.2466	0.2620	0.3873	0.4335	308	306	253	359	367	29.7	1645
CT17X301B1	120	0.153	0.1958	0.2851	0.3732	0.4194	348	346	289	416	422	31.1	1920
CT18X301B1	150	0.124	0.1591	0.3081	0.3623	0.4085	391	387	335	471	479	32.7	2225
CT19X301B1	185	0.0991	0.1276	0.3360	0.3470	0.3933	442	435	370	540	547	34.4	2625
CT20X301B1	240	0.0754	0.0979	0.3752	0.3333	0.3796	513	502	429	637	643	37	3245
CT30X301B1	300	0.0601	0.0789	0.4177	0.3207	0.3670	577	556	489	731	734	39.6	3865
CT40X301B1	400	0.047	0.0629	0.4600	0.3116	0.3578	653	629	556	843	837	42.6	4765
CT50X301B1	500	0.0366	0.0506	0.5153	0.3013	0.3475	717	700	635	971	953	46.4	5980
CT60X301B1	630	0.0283	0.0411	0.5713	0.2923	0.3385	822	772	719	1111	1075	50.1	7375
CT70X301B1	800	0.0221	0.0344	0.6419	0.2839	0.3301	906	836	801	1253	1194	55	9340

### 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				Ground A	Duct A	Laid In Free Air A		
		Q/km	Q/km							
<b>3 Core - Cu/XLPE/STA/PVC</b>										
CT14X303A1	50	0.387	0.4938	0.2104	0.3715	197	158	217	51.6	3915
CT15X303A1	70	0.268	0.3422	0.2421	0.3482	242	195	271	55.7	4770
CT16X303A1	95	0.193	0.2468	0.2620	0.3366	287	232	325	58.7	5695
CT17X303A1	120	0.153	0.1960	0.2851	0.3252	325	265	372	62.1	6645
CT18X303A1	150	0.124	0.1594	0.3081	0.3156	364	298	421	65.3	7620
CT19X303A1	185	0.0991	0.1280	0.3360	0.3030	410	336	479	69.2	8945
CT20X303A1	240	0.0754	0.0984	0.3752	0.2917	472	390	559	75	11005
CT30X303A1	300	0.0601	0.0796	0.4177	0.2824	532	443	640	82.4	13910

The above data is approximate and subjected to manufacturing tolerance.

