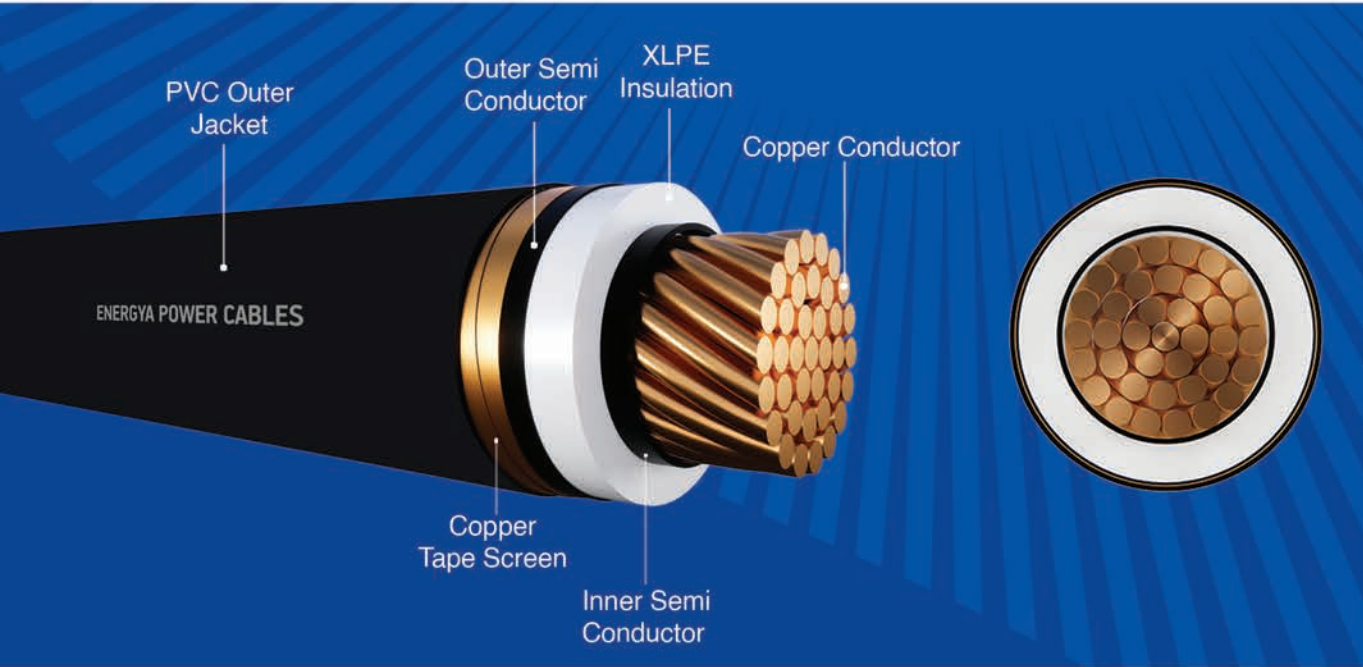
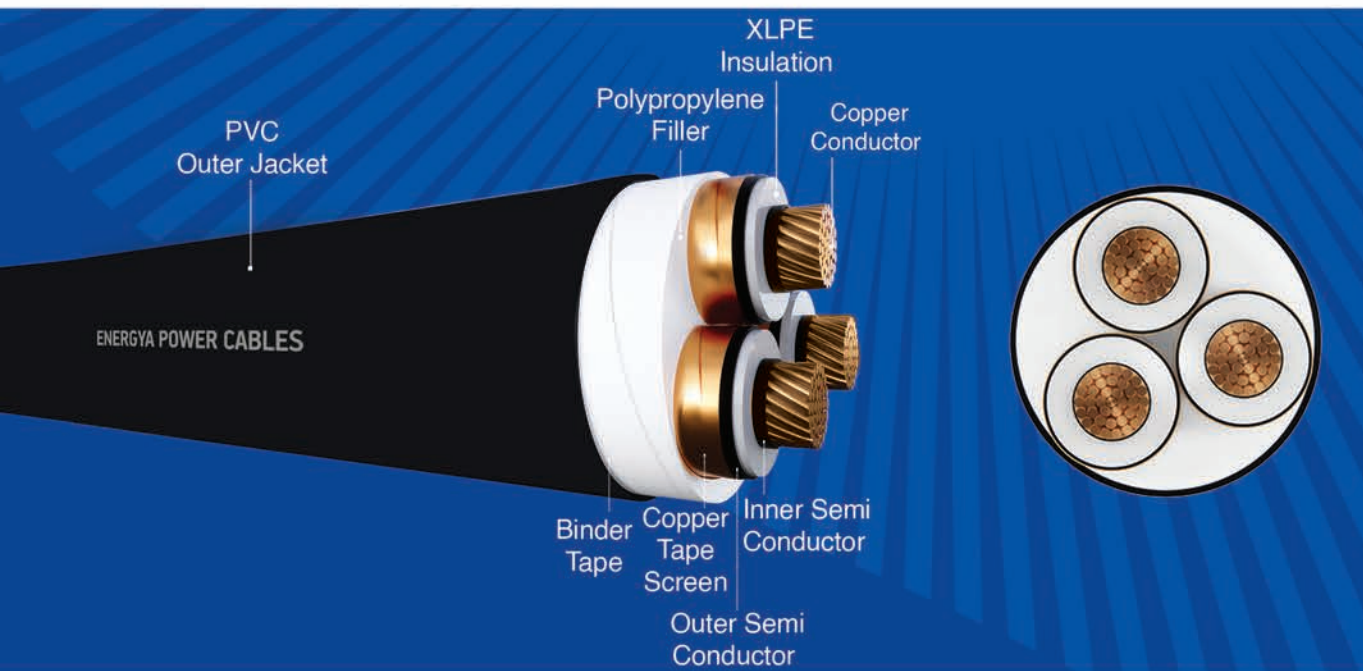


SINGLE CORE CABLES 8.7/15 (17.5) KV



MULTI CORE CABLES 8.7/15 (17.5) KV



Single & Multi Core Cables, with stranded Circular copper conductors, XLPE insulated, 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 ²	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			
1 Core - Cu/XLPE/PVC														
CT14X301U1	50	0.387	0.4937	0.2104	0.3932	0.4394	210	216	162	227	234	22.2	840	
CT15X301U1	70	0.268	0.3422	0.2421	0.3696	0.4158	258	260	200	287	295	24.3	1085	
CT16X301U1	95	0.193	0.2467	0.2620	0.3568	0.4030	306	310	240	347	356	25.5	1345	
CT17X301U1	120	0.153	0.1959	0.2851	0.3456	0.3918	349	351	277	403	412	27.1	1615	
CT18X301U1	150	0.124	0.1592	0.3081	0.3348	0.3810	391	393	313	458	466	28.5	1890	
CT19X301U1	185	0.0991	0.1278	0.3360	0.3223	0.3685	442	443	364	527	536	30.4	2285	
CT20X301U1	240	0.0754	0.0981	0.3752	0.3104	0.3567	512	510	422	626	634	33	2875	
CT30X301U1	300	0.0601	0.0792	0.4177	0.2994	0.3457	581	572	483	723	731	35.6	3470	
CT40X301U1	400	0.047	0.0633	0.4600	0.2908	0.3370	659	641	550	830	841	38.4	4325	
CT50X301U1	500	0.0366	0.0511	0.5153	0.2814	0.3276	742	721	628	962	968	42	5470	
CT60X301U1	630	0.0283	0.0417	0.5713	0.2739	0.3201	830	800	712	1102	1098	45.7	6825	
CT70X301U1	800	0.0221	0.0351	0.6419	0.2672	0.3134	914	872	797	1248	1234	50.6	8730	

MULTI CORE CABLES

Product Code	Nominal Cross sectional area mm ²	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
3 Core - Cu/XLPE/PVC											
CT14X303U1	50	0.387	0.4938	0.2104	0.3715	207	160	225	46.8	2815	
CT15X303U1	70	0.268	0.3422	0.2421	0.3482	253	197	281	51.1	3600	
CT16X303U1	95	0.193	0.2468	0.2620	0.3366	303	237	341	53.9	4435	
CT17X303U1	120	0.153	0.1960	0.2851	0.3252	344	271	394	57.1	5275	
CT18X303U1	150	0.124	0.1594	0.3081	0.3156	387	306	448	60.3	6180	
CT19X303U1	185	0.0991	0.1280	0.3360	0.3030	438	348	514	64.2	7415	
CT20X303U1	240	0.0754	0.0984	0.3752	0.2917	508	407	608	69.8	9305	
CT30X303U1	300	0.0601	0.0796	0.4177	0.2824	580	468	712	75.6	11230	

The above data is approximate and subjected to manufacturing tolerance.

