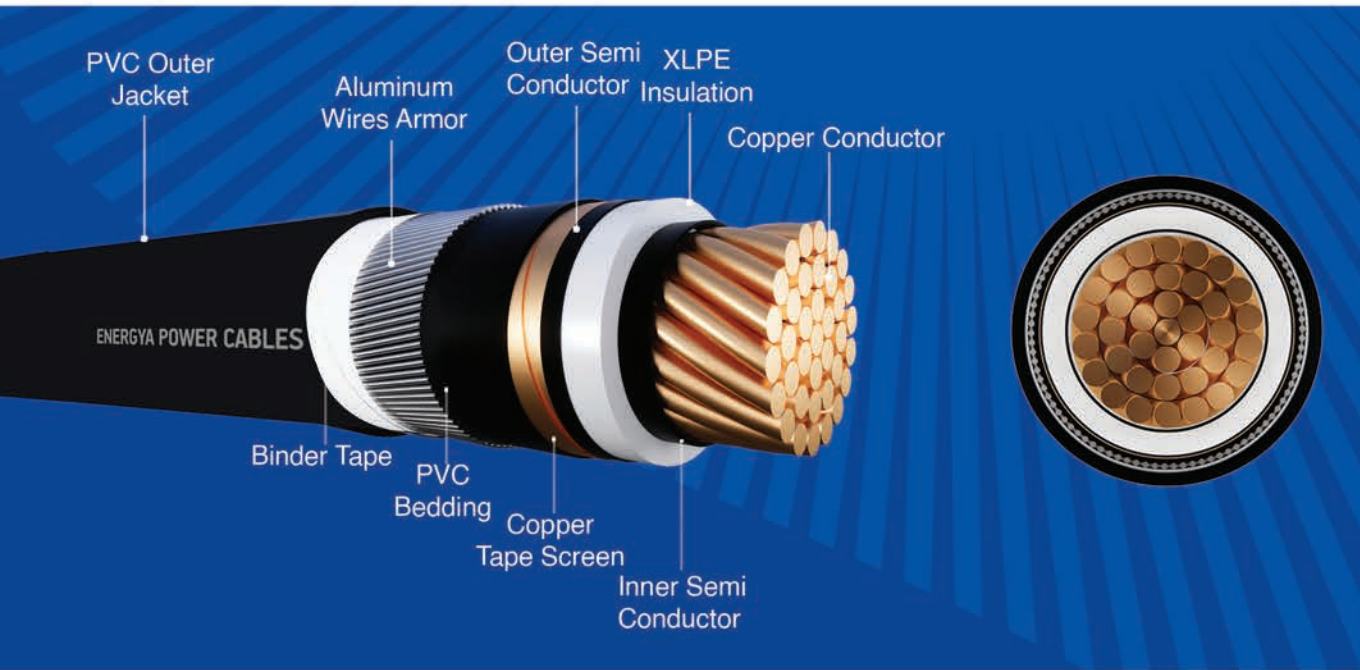
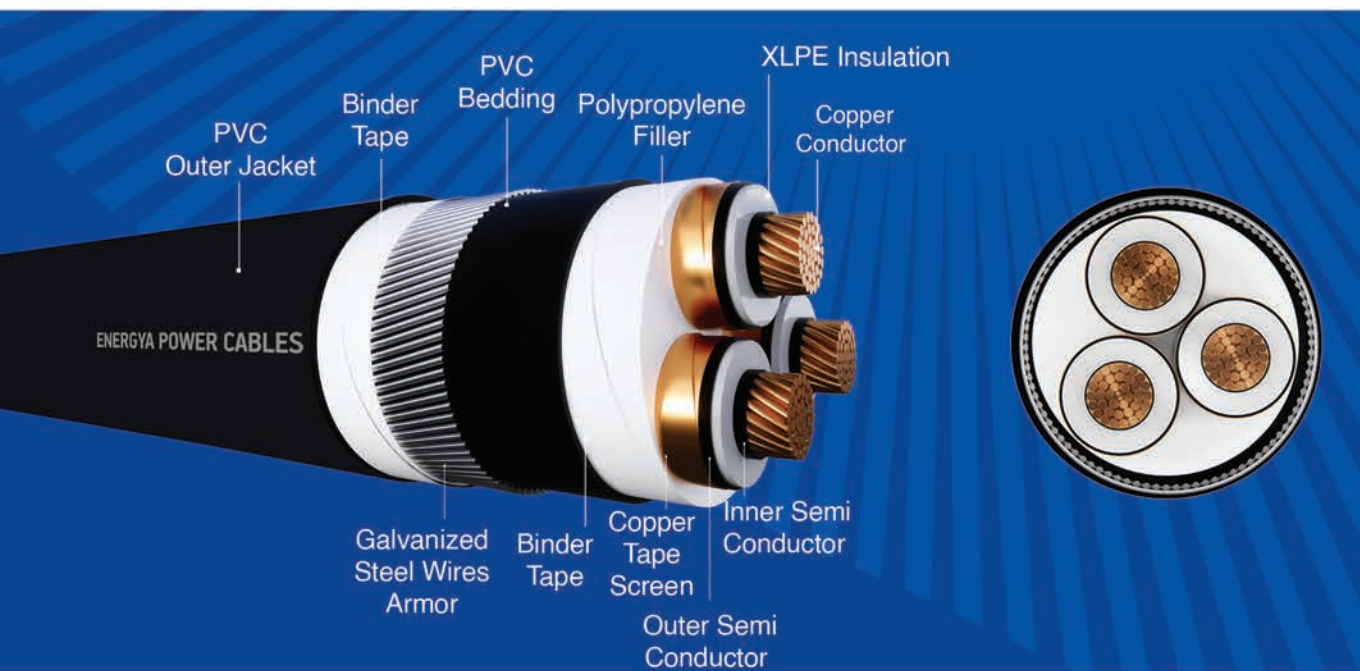


SINGLE CORE CABLES 3.6/6 (7.2) KV



MULTI CORE CABLES 3.6/6 (7.2) KV



Single & Multi Core Cables, with stranded Circular Copper conductors, XLPE insulated, Aluminum wire armoured or Steel wire armoured, 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 wire armoured and PVC sheathed.
- Cables are produced according to IEC 60502-2 or BS6622.

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/AWA/PVC														
CT14XB01X1	50	0.387	0.4937	0.3200	0.4129	0.4592	211	210	169	238	242	24.5	1045	
CT15XB01X1	70	0.268	0.3421	0.3735	0.3862	0.4324	258	256	208	295	299	26.4	1300	
CT16XB01X1	95	0.193	0.2467	0.4072	0.3741	0.4203	307	304	248	357	360	27.8	1580	
CT17XB01X1	120	0.153	0.1959	0.4464	0.3605	0.4068	346	343	282	410	411	29.2	1860	
CT18XB01X1	150	0.124	0.1591	0.4856	0.3503	0.3965	387	382	317	465	463	30.8	2160	
CT19XB01X1	185	0.0991	0.1277	0.5331	0.3399	0.3862	434	426	358	532	523	33.2	2620	
CT20XB01X1	240	0.0754	0.0979	0.6001	0.3256	0.3718	496	480	413	622	604	35.6	3230	
CT30XB01X1	300	0.0601	0.0790	0.6492	0.3156	0.3618	555	528	465	709	679	38.6	3885	
CT40XB01X1	400	0.047	0.0630	0.6722	0.3078	0.3540	620	579	525	808	762	41.8	4795	
CT50XB01X1	500	0.0366	0.0505	0.7107	0.3039	0.3501	674	608	581	909	830	47	6195	
CT60XB01X1	630	0.0283	0.0410	0.7908	0.2954	0.3417	738	654	644	1019	911	50.9	7635	
CT70XB01X1	800	0.0221	0.0343	0.8917	0.2861	0.3323	798	694	705	1130	991	55.6	9595	

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		
3 Core - Cu/XLPE/SWA/PVC										
CT14XB03W1	50	0.387	0.4938	0.3200	0.3291	199	156	216	46	4435
CT15XB03W1	70	0.268	0.3423	0.3735	0.3100	243	193	269	50.5	5430
CT16XB03W1	95	0.193	0.2470	0.4072	0.3007	289	230	324	53.3	6380
CT17XB03W1	120	0.153	0.1963	0.4464	0.2916	327	263	370	56.7	7360
CT18XB03W1	150	0.124	0.1596	0.4856	0.2840	366	294	419	59.9	8420
CT19XB03W1	185	0.0991	0.1283	0.5331	0.2736	412	334	478	63.8	9810
CT20XB03W1	240	0.0754	0.0989	0.6001	0.2649	472	387	561	71.3	12720
CT30XB03W1	300	0.0601	0.0801	0.6492	0.2593	526	435	635	77.9	15130

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

