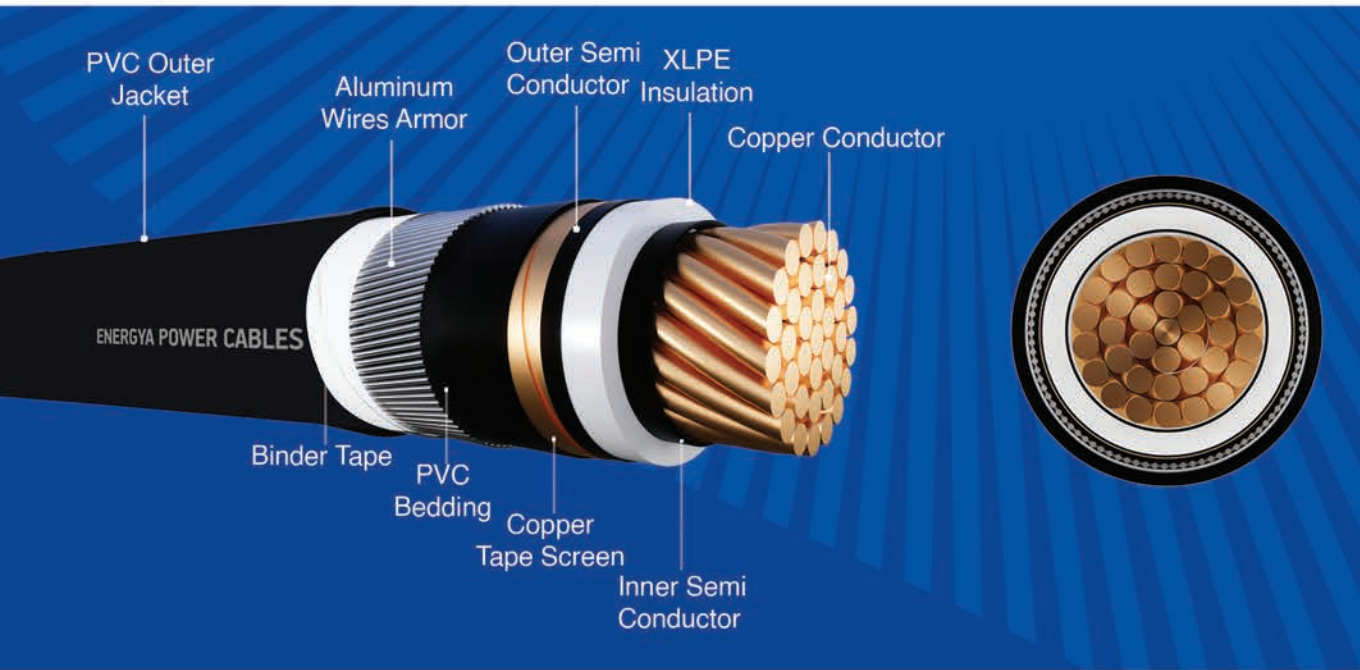
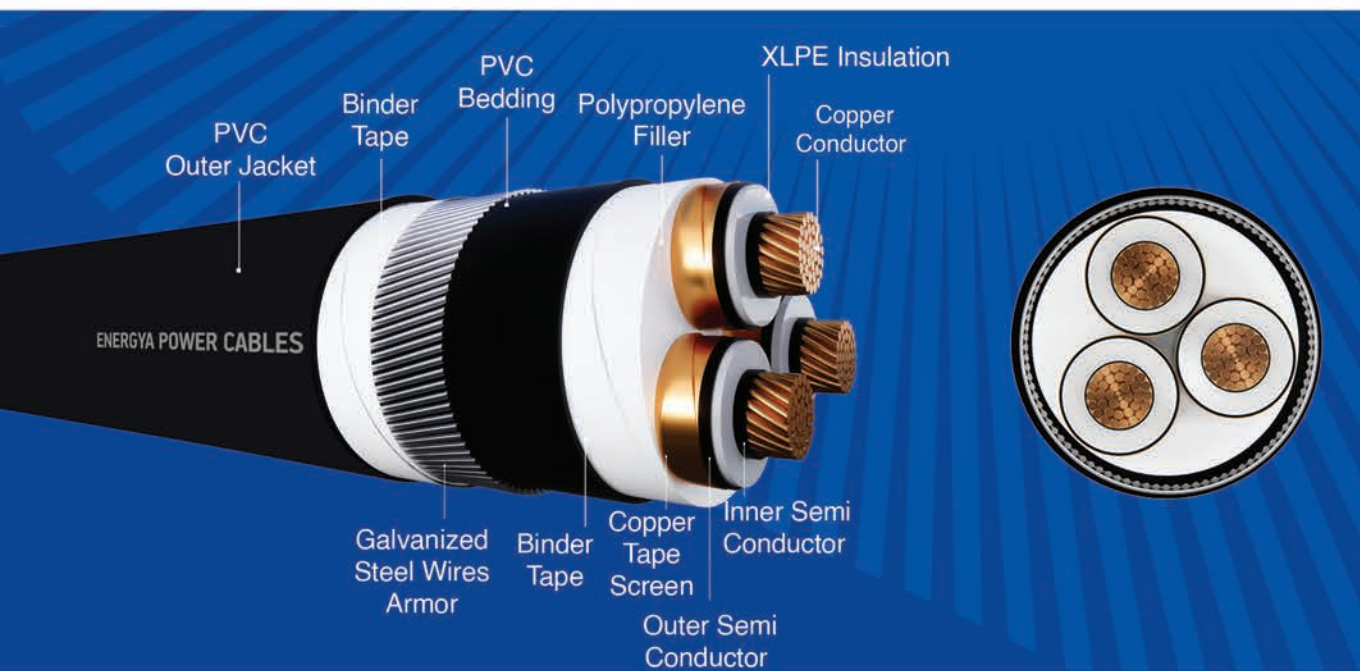


SINGLE CORE CABLES 8.7/15 (17.5) KV



MULTI CORE CABLES 8.7/15 (17.5) KV



Single & Multi Core Cables, with stranded circular copper conductors, XLPE insulated, insulated, Aluminum wire or Steel wire 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 wire armored 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														
CT14X301X1	50	0.387	0.4937	0.2104	0.4418	0.4880	210	209	172	242	245	28.3	1245	
CT15X301X1	70	0.268	0.3421	0.2421	0.4144	0.4606	256	255	211	300	303	30.4	1525	
CT16X301X1	95	0.193	0.2466	0.2620	0.4028	0.4491	306	303	253	364	365	32.1	1850	
CT17X301X1	120	0.153	0.1958	0.2851	0.3892	0.4354	345	341	287	417	416	33.7	2150	
CT18X301X1	150	0.124	0.1590	0.3081	0.3764	0.4227	385	380	322	471	468	35.1	2450	
CT19X301X1	185	0.0991	0.1275	0.3360	0.3616	0.4078	432	423	363	536	527	37	2880	
CT20X301X1	240	0.0754	0.0978	0.3752	0.3459	0.3921	495	479	419	628	609	39.4	3495	
CT30X301X1	300	0.0601	0.0788	0.4177	0.3325	0.3787	554	526	472	714	684	42	4125	
CT40X301X1	400	0.047	0.0627	0.4600	0.3278	0.3740	608	562	525	805	749	46.2	5220	
CT50X301X1	500	0.0366	0.0503	0.5153	0.3163	0.3625	674	608	587	913	835	50	6465	
CT60X301X1	630	0.0283	0.0407	0.5713	0.3061	0.3524	739	655	650	1023	916	53.7	7900	
CT70X301X1	800	0.0221	0.0340	0.6419	0.2959	0.3421	801	695	712	1136	996	58.4	9895	

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										
CT14X303W1	50	0.387	0.4938	0.2104	0.3715	198	161	220	54.6	5425
CT15X303W1	70	0.268	0.3422	0.2421	0.3482	243	197	275	58.9	6445
CT16X303W1	95	0.193	0.2468	0.2620	0.3366	289	235	329	61.9	7455
CT17X303W1	120	0.153	0.1960	0.2851	0.3252	327	268	376	65.3	8485
CT18X303W1	150	0.124	0.1594	0.3081	0.3156	366	302	428	70.2	10310
CT19X303W1	185	0.0991	0.1280	0.3360	0.3030	410	340	484	74.5	11910
CT20X303W1	240	0.0754	0.0984	0.3752	0.2917	471	393	564	80.1	14180
CT30X303W1	300	0.0601	0.0796	0.4177	0.2824	525	440	638	86.1	16525

• The above data is approximate and subjected to manufacturing tolerance.

