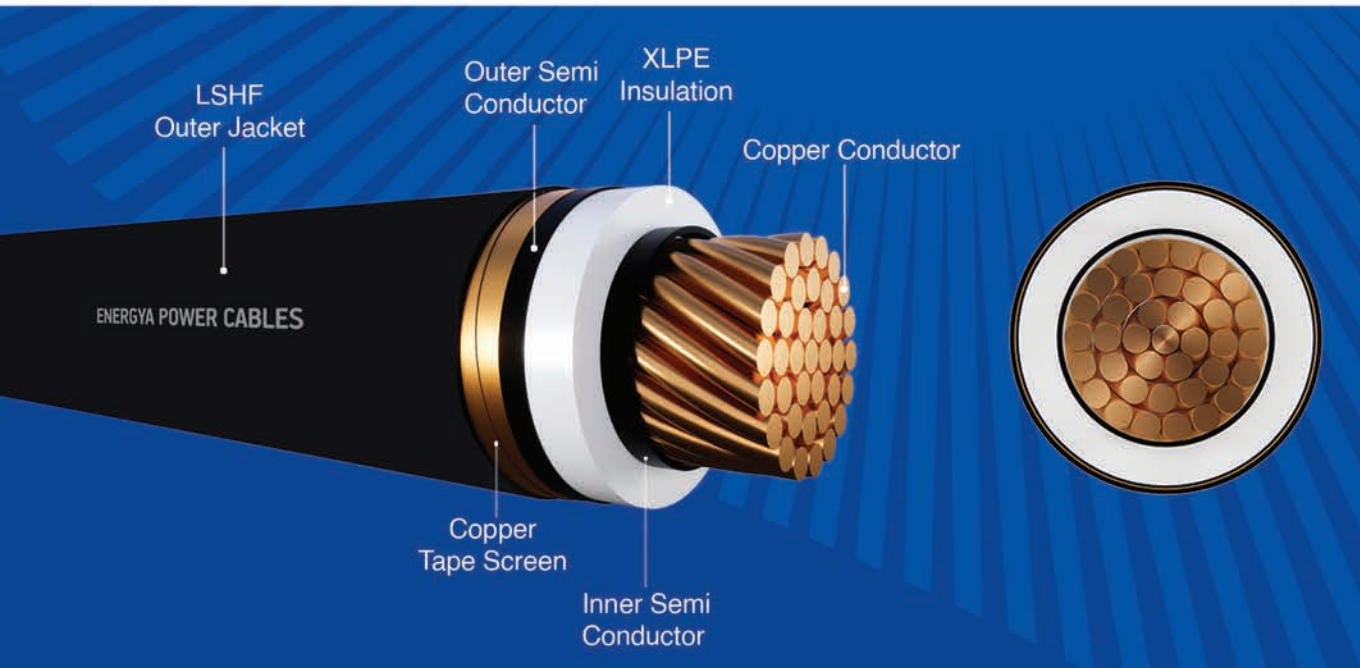
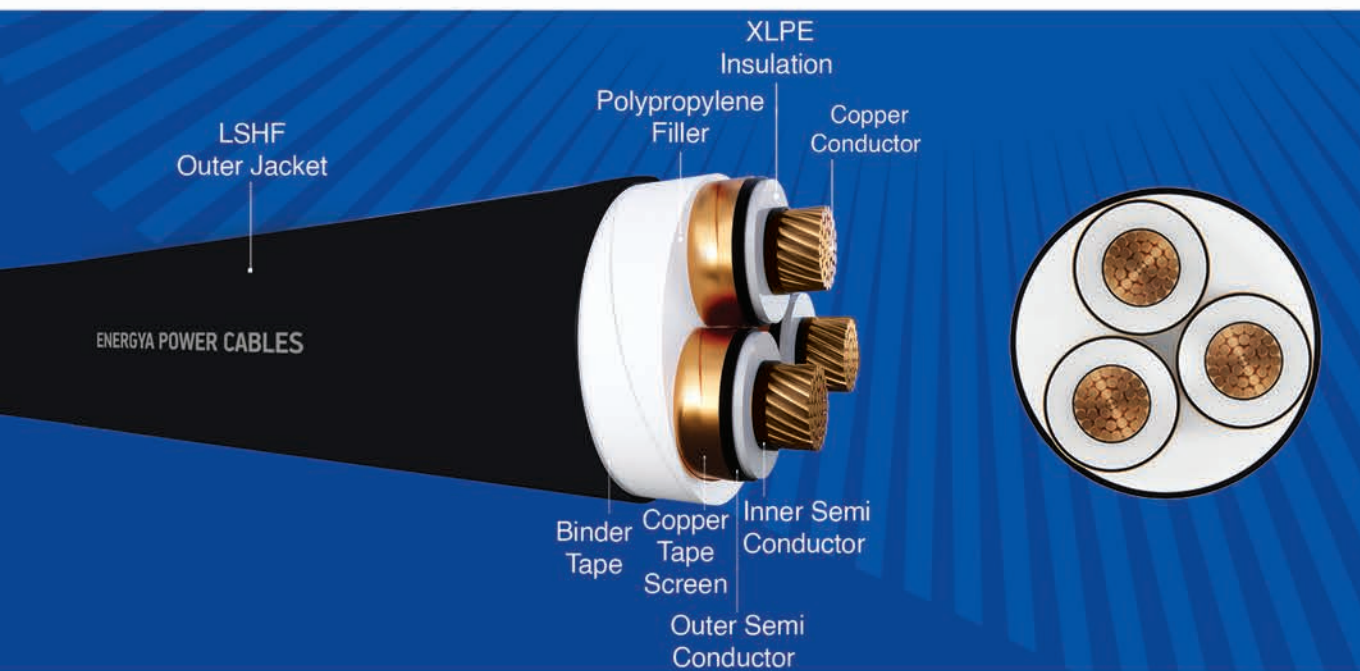


SINGLE CORE CABLES 12/20 (24) KV



MULTI CORE CABLES 12/20 (24) KV



Single & Multi Core Cables, with stranded Circular Copper conductors XLPE insulated, and LSHF 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 LSHF 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/LSHF														
CT14X401UL	50	0.387	0.4937	0.1812	0.4121	0.4583	210	216	162	227	234	24.4	930	
CT15X401UL	70	0.268	0.3421	0.2072	0.3854	0.4317	258	262	200	287	295	26.3	1170	
CT16X401UL	95	0.193	0.2467	0.2235	0.3734	0.4196	306	312	243	347	360	27.7	1445	
CT17X401UL	120	0.153	0.1959	0.2424	0.3599	0.4061	351	355	281	403	416	29.1	1710	
CT18X401UL	150	0.124	0.1591	0.2612	0.3496	0.3959	391	396	316	460	468	30.7	2005	
CT19X401UL	185	0.0991	0.1277	0.2839	0.3351	0.3813	442	446	367	523	540	32.4	2390	
CT20X401UL	240	0.0754	0.0980	0.3159	0.3222	0.3684	512	511	425	630	638	35	2990	
CT30X401UL	300	0.0601	0.0790	0.3505	0.3114	0.3577	585	574	486	725	736	37.8	3605	
CT40X401UL	400	0.047	0.0631	0.3850	0.3020	0.3482	662	644	552	832	841	40.6	4470	
CT50X401UL	500	0.0366	0.0508	0.4300	0.2916	0.3378	745	723	628	962	971	44.2	5635	
CT60X401UL	630	0.0283	0.0414	0.4755	0.2833	0.3295	834	800	713	1104	1099	47.9	7000	
CT70X401UL	800	0.0221	0.0347	0.5329	0.2750	0.3212	914	872	798	1249	1238	52.6	8895	

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/LSHF											
CT14X403UL	50	0.387	0.4937	0.1812	0.3917	207	162	229	51.3	3130	
CT15X403UL	70	0.268	0.3422	0.2072	0.3667	253	200	285	55.6	3940	
CT16X403UL	95	0.193	0.2467	0.2235	0.3541	303	240	346	58.4	4795	
CT17X403UL	120	0.153	0.1960	0.2424	0.3417	345	275	398	61.6	5655	
CT18X403UL	150	0.124	0.1592	0.2612	0.3312	388	310	453	64.8	6580	
CT19X403UL	185	0.0991	0.1279	0.2839	0.3177	438	352	518	68.9	7870	
CT20X403UL	240	0.0754	0.0982	0.3159	0.3052	509	411	613	74.3	9760	
CT30X403UL	300	0.0601	0.0794	0.3505	0.2948	580	473	716	80.3	11755	

- The above data is approximate and subjected to manufacturing tolerance.
- This data is applicable also for 12.7/22 KV

