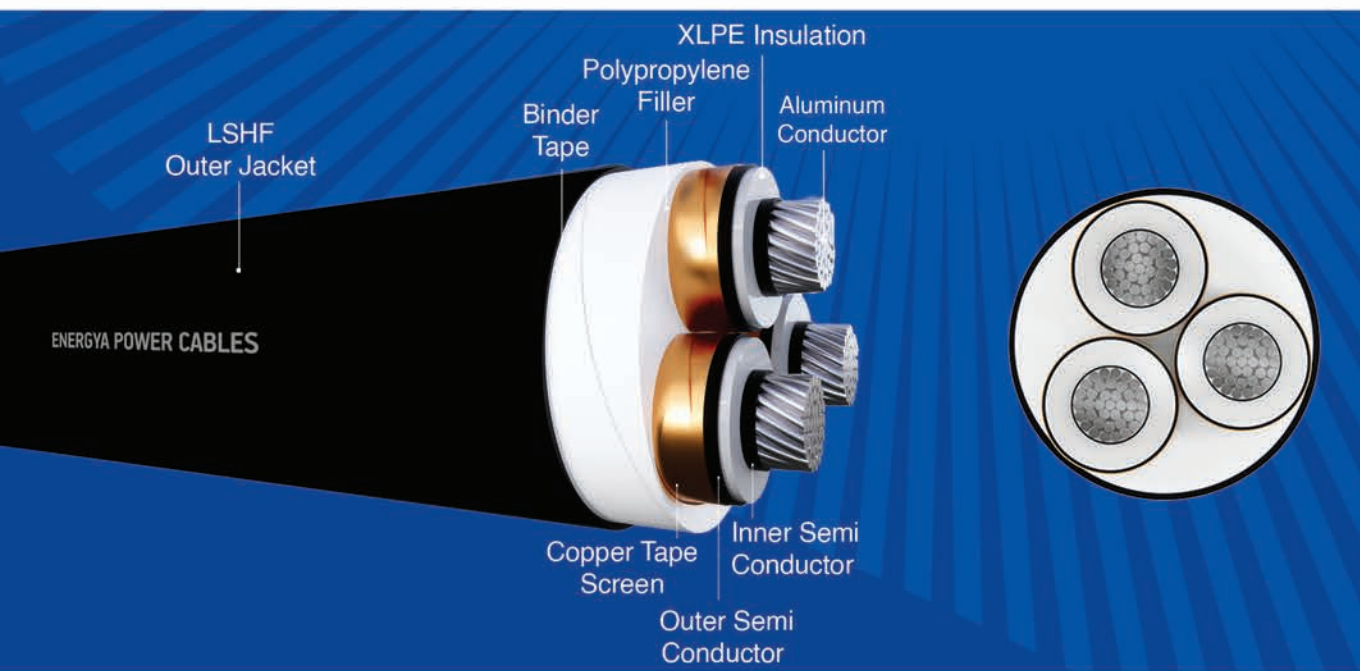
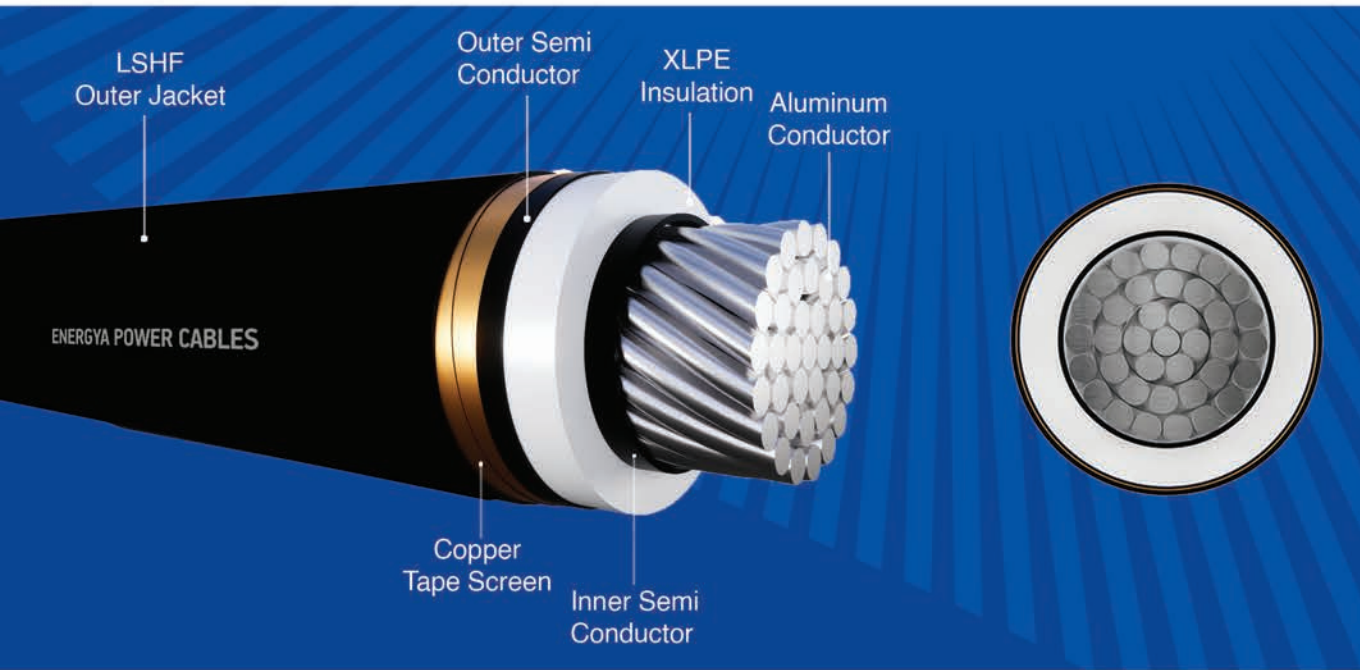


SINGLE CORE CABLES 8.7/15 (17.5) KV



Single & Multi Core Cables, with stranded Circular Aluminum conductors, XLPE insulated, and LSHF Sheath.

Description

- Stranded circular compacted Aluminum 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 Based On 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 - AL/XLPE/LSHF														
AT14X301UL	50	0.641	0.8220	0.2104	0.3932	0.4394	166	167	129	179	184	22.2	555	
AT15X301UL	70	0.443	0.5682	0.2371	0.3732	0.4194	201	202	160	225	231	24	660	
AT16X301UL	95	0.32	0.4106	0.2620	0.3568	0.4030	243	245	191	273	280	25.5	770	
AT17X301UL	120	0.253	0.3249	0.2851	0.3456	0.3918	275	283	220	316	324	27.1	885	
AT18X301UL	150	0.206	0.2648	0.3081	0.3348	0.3810	309	313	247	359	369	28.5	995	
AT19X301UL	185	0.164	0.2111	0.3360	0.3223	0.3685	350	351	282	414	426	30.4	1155	
AT20X301UL	240	0.125	0.1615	0.3736	0.3109	0.3572	406	405	333	491	505	32.9	1385	
AT30X301UL	300	0.1	0.1298	0.4128	0.3001	0.3463	457	455	379	566	580	35.3	1615	
AT40X301UL	400	0.0778	0.1019	0.4568	0.2898	0.3360	522	516	439	661	675	38.2	1950	
AT50X301UL	500	0.0605	0.0804	0.5137	0.2826	0.3288	596	589	508	773	790	42.1	2380	
AT60X301UL	630	0.0469	0.0639	0.5705	0.2746	0.3209	678	687	583	901	912	45.8	2910	
AT70X301UL	800	0.0367	0.0519	0.6484	0.2665	0.3127	762	786	671	1042	1024	51	3630	

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 - AL/XLPE/LSHF											
AT14X303UL	50	0.641	0.8220	0.2104	0.3715	160	124	174	46.8	1960	
AT15X303UL	70	0.443	0.5683	0.2371	0.3514	196	153	218	50.4	2315	
AT16X303UL	95	0.32	0.4107	0.2620	0.3366	235	184	265	53.9	2705	
AT17X303UL	120	0.253	0.3249	0.2851	0.3252	268	210	306	57.1	3085	
AT18X303UL	150	0.206	0.2649	0.3081	0.3156	300	238	348	60.3	3505	
AT19X303UL	185	0.164	0.2113	0.3360	0.3030	341	271	401	64.2	4025	
AT20X303UL	240	0.125	0.1617	0.3736	0.2921	396	318	474	69.6	4825	
AT30X303UL	300	0.1	0.1300	0.4128	0.2829	449	363	547	74.9	5655	

The above data is approximate and subjected to manufacturing tolerance.

