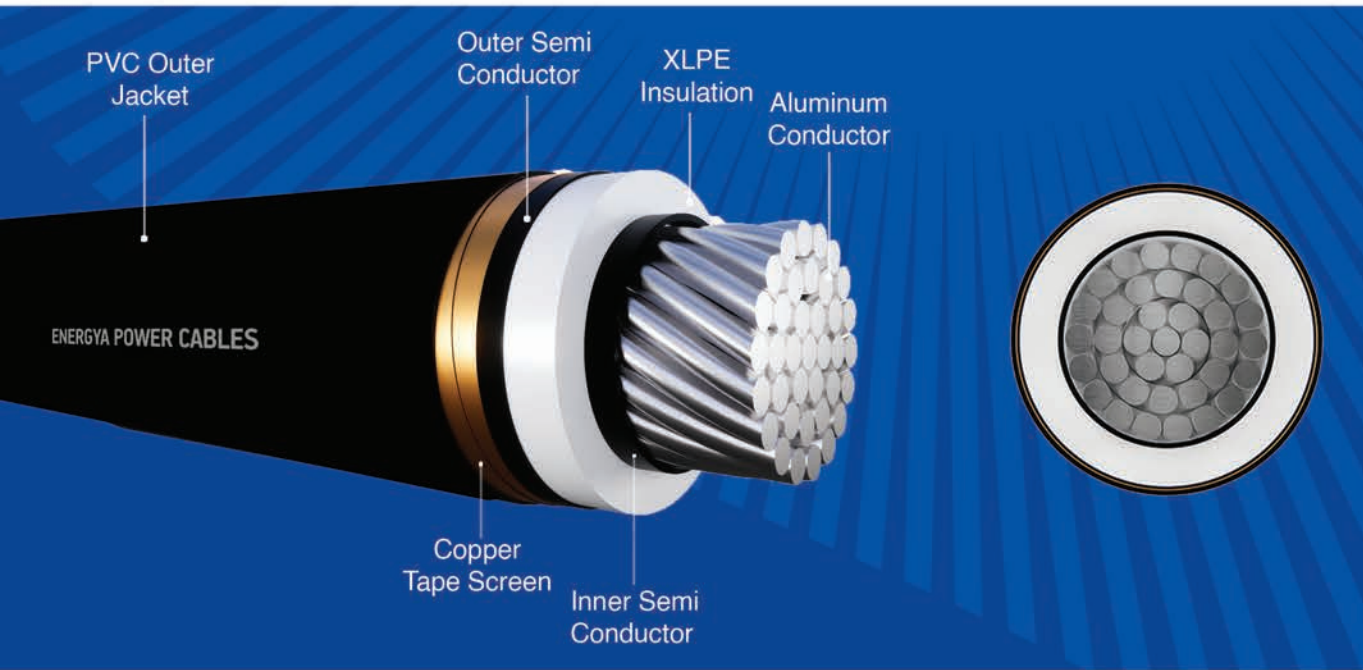
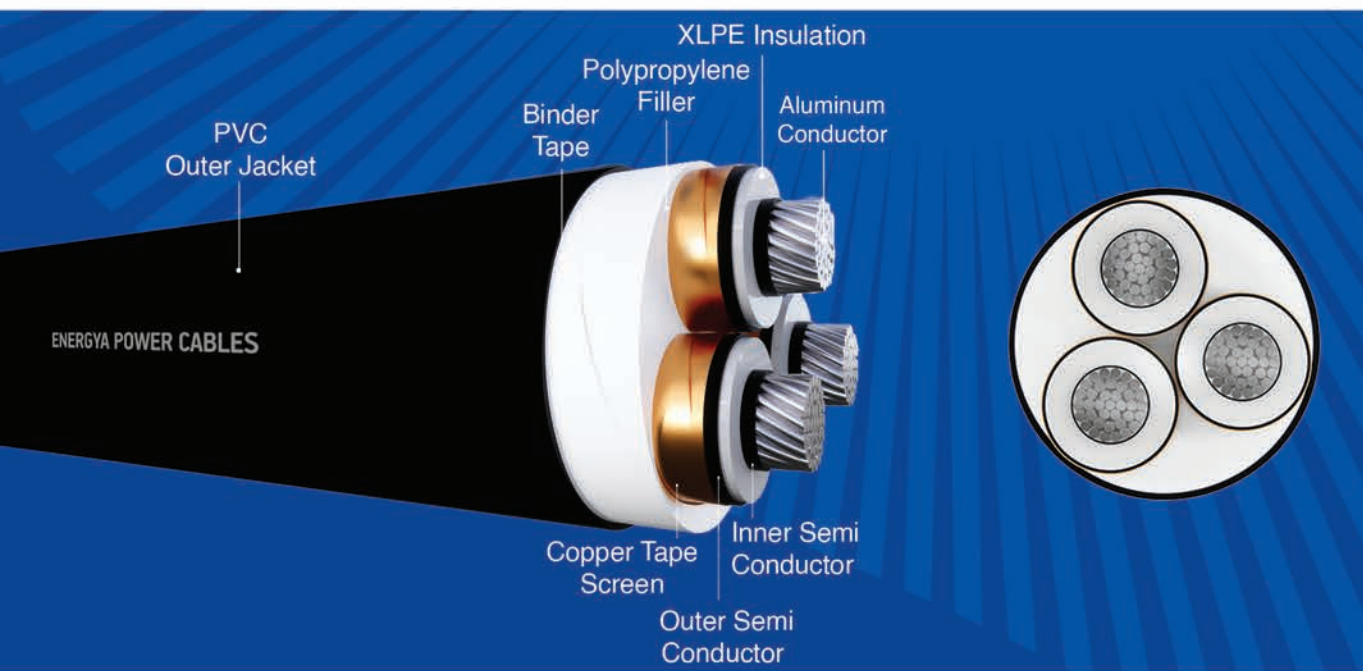


SINGLE CORE CABLES 3.6/6 (7.2) KV



MULTI CORE CABLES 3.6/6 (7.2) KV



Single & Multi Core Cables, with stranded Circular Aluminum conductors, XLPE insulated, and PVC 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 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 - AL/XLPE/PVC														
AT14XB01U1	50	0.641	0.8220	0.3200	0.3557	0.4019	163	168	125	174	182	18.4	415	
AT15XB01U1	70	0.443	0.5683	0.3651	0.3367	0.3829	196	203	155	223	229	20	505	
AT16XB01U1	95	0.32	0.4107	0.4072	0.3245	0.3708	238	245	185	270	274	21.7	610	
AT17XB01U1	120	0.253	0.3250	0.4464	0.3137	0.3599	273	280	215	310	320	23.1	705	
AT18XB01U1	150	0.206	0.2649	0.4856	0.3062	0.3524	300	307	242	352	360	24.7	825	
AT19XB01U1	185	0.164	0.2113	0.5331	0.2941	0.3403	344	347	275	410	420	26.4	955	
AT20XB01U1	240	0.125	0.1617	0.5973	0.2850	0.3312	399	401	331	484	495	28.9	1170	
AT30XB01U1	300	0.1	0.1300	0.6412	0.2786	0.3248	453	449	374	560	571	31.7	1415	
AT40XB01U1	400	0.0778	0.1021	0.6672	0.2723	0.3185	518	509	433	655	665	35	1750	
AT50XB01U1	500	0.0605	0.0807	0.7084	0.2688	0.3151	592	583	503	769	779	39.3	2190	
AT60XB01U1	630	0.0469	0.0642	0.7896	0.2620	0.3083	673	680	578	895	900	43	2700	
AT70XB01U1	800	0.0367	0.0523	0.9010	0.2552	0.3014	758	781	661	1032	1032	48.2	3400	

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/PVC											
AT14XB03U1	50	0.641	0.8220	0.3200	0.3291	162	121	173	38.2	1410	
AT15XB03U1	70	0.443	0.5683	0.3651	0.3127	199	150	217	42.1	1745	
AT16XB03U1	95	0.32	0.4108	0.4072	0.3007	238	180	264	45.5	2095	
AT17XB03U1	120	0.253	0.3251	0.4464	0.2916	271	208	306	48.7	2440	
AT18XB03U1	150	0.206	0.2650	0.4856	0.2840	304	234	348	51.9	2820	
AT19XB03U1	185	0.164	0.2115	0.5331	0.2736	345	268	402	55.8	3295	
AT20XB03U1	240	0.125	0.1619	0.5973	0.2652	396	311	466	61.2	4035	
AT30XB03U1	300	0.1	0.1304	0.6412	0.2596	449	356	539	67.2	4880	

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

