

**Single core cables, with stranded circular copper conductor, PVC insulated and XLPE sheathed (XLPE/PVC)**



**Description**

- Soft annealed stranded copper, insulated with PVC compound covered with a layer of XLPE compound to form the overall jacket.
- Cable are according to IEC 60502 or BS 5467

**Application**

- For outdoor and indoor installation in damp and wet locations.
- They are normally used for cathodic protection, power distribution and urban networks, in industrial plants, as well as in thermo power and hydropower stations

Egytech - code	Nominal cross sectional area	Max. Conductor resistance		Current rating						Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 90 °C	Laid in ground			Laid in free air				
	mm <sup>2</sup>			Ω/km	Ω/km	A	A	A	A	A	A
<b>a - Copper conductors</b>											
CX1-T101-U08	4	4.6100	5.8800	55	51	40	53	47	40	6.8	80
CX1-T101-U09	6	3.0800	3.9300	68	65	53	65	59	53	7.3	102
CX1-T101-U10	10	1.8300	2.3300	98	86	68	84	79	68	8.3	150
CX1-T101-U11	16	1.1500	1.4700	116	111	87	116	110	95	9.3	210
CX1-T101-U12	25	0.7270	0.9270	150	142	110	143	137	121	11.0	315
CX1-T101-U13	35	0.5240	0.6690	179	172	137	179	173	152	12.1	410
CX1-T101-U14	50	0.3870	0.4940	210	200	163	221	210	184	13.8	555
CX1-T101-U15	70	0.2680	0.3430	263	247	200	278	268	236	15.7	760
CX1-T101-U16	95	0.1930	0.2480	310	294	242	347	336	289	17.7	1015
CX1-T101-U17	120	0.1530	0.1970	352	336	273	404	394	341	19.6	1280
CX1-T101-U18	150	0.1240	0.1600	394	373	310	457	446	389	21.8	1570
CX1-T101-U19	185	0.0991	0.1290	452	425	352	530	520	441	23.9	1920
CX1-T101-U20	240	0.0754	0.0990	520	488	404	651	641	536	27.1	2530
CX1-T101-U30	300	0.0601	0.0810	588	546	457	824	756	620	29.7	3105
CX1-T101-U40	400	0.0470	0.0638	672	620	515	893	872	714	33.9	4135
CX1-T101-U50	500	0.0366	0.0517	761	693	572	1008	987	814	37.4	5110
CX1-T101-U60	630	0.0283	0.0425	872	777	651	1155	1134	956	41.9	6455
CX1-T101-U70	800	0.0221	0.0292	957	861	735	1313	1292	1092	46.8	8260
CX1-T101-U80	1000	0.0176	0.0234	1082	935	798	1449	1428	1208	51.5	10075