

Control Cables

Operating Voltage (0.6/1 kV)

Cable Construction

1. Conductor:

Stranded, flexible or solid Copper conductors.

2. Insulation:

An extruded layer of PVC 70 or 85 °C and XLPE of 90 °C. Cores are identified by printing numbers.

3. Assembly:

Insulated conductors are assembled in successive layers, to form cable cores.

4. Bedding:

An extruded layer of PVC is applied as bedding.

5. Armouring:

- a. Steel tape : double layers of steel tapes are applied helically.*
- b. Steel wire : Galvanized steel wires are applied helically.*

6. Screen (if requested):

over the bedded cores a layer of Copper tape or wires is applied helically to form the screen.

7. Sheath:

An extruded layer of PVC is applied as an outer sheath.

Option

Lead Sheath: *Upon request a layer of lead is extruded over the bedding layer.*

Insulation: *Upon request can be cross linked polyethylene XLPE.*



0.6/1 (1.2) kV

Control Cables, with Solid Copper Conductors, PVC Insulated and PVC Sheathed

Description

- Five or more cores of solid Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502 or BS 6346.

Application

- For outdoor and indoor installations in damp and wet locations, connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations. They are laid in air, in ducts, in trenches, in steel support brackets or direct in ground, when well protected.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-S1A5-U04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	11.8	200
CP1-S107-U04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	12.7	250
CP1-S110-U04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	15.7	340
CP1-S112-U04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	16.2	385
CP1-S114-U04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	17.0	435
CP1-S116-U04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	17.8	490
CP1-S119-U04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	18.7	560
CP1-S124-U04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	21.7	700
CP1-S130-U04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	23.8	850
CP1-S137-U04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	24.7	1000
CP1-S1A5-U06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	12.9	260
CP1-S107-U06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	13.8	330
CP1-S110-U06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	17.2	450
CP1-S112-U06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	17.7	540
CP1-S114-U06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	18.6	600
CP1-S116-U06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	19.6	670
CP1-S119-U06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	20.6	780
CP1-S124-U06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	24.0	1030
CP1-S130-U06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	25.4	1160
CP1-S137-U06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	27.4	1410
CP1-S1A5-U08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	15.3	430
CP1-S107-U08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	16.5	480
CP1-S110-U08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	20.8	670
CP1-S112-U08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	21.5	780
CP1-S114-U08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	22.6	890
CP1-S116-U08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	23.8	1000
CP1-S119-U08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	25.1	1170
CP1-S124-U08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	29.6	1460
CP1-S130-U08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	31.6	1830
CP1-S137-U08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	34.1	2320

- The above data is approximate and subjected to manufacturing tolerance.
- Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

Control Cables, with Stranded Copper Conductors, PVC Insulated and PVC Sheathed

Description

- Five or more cores of stranded Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502 or BS 6346.

Application

- For outdoor and indoor installations in damp and wet locations, connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations. They are laid in air, in ducts, in trenches, in steel support brackets or direct in ground, when well protected.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-T1A5-U04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	12.3	215
CP1-T107-U04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	13.3	265
CP1-T110-U04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	16.5	360
CP1-T112-U04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	17.0	410
CP1-T114-U04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	17.8	465
CP1-T116-U04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	18.7	530
CP1-T119-U04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	19.7	600
CP1-T124-U04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	22.9	740
CP1-T130-U04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	24.2	890
CP1-T137-U04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	26.1	1070
CP1-T1A5-U06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	13.4	275
CP1-T107-U06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	14.5	350
CP1-T110-U06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	18.1	480
CP1-T112-U06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	18.7	555
CP1-T114-U06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	19.6	630
CP1-T116-U06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	20.6	710
CP1-T119-U06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	21.7	820
CP1-T124-U06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	25.3	1020
CP1-T130-U06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	26.8	1235
CP1-T137-U06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	28.9	1495
CP1-T1A5-U08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	16.1	410
CP1-T107-U08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	17.4	520
CP1-T110-U08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	22.0	720
CP1-T112-U08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	22.7	840
CP1-T114-U08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	23.9	950
CP1-T116-U08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	25.2	1070
CP1-T119-U08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	26.6	1260
CP1-T124-U08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	31.4	1580
CP1-T130-U08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	33.5	1965
CP1-T137-U08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	36.2	2510

- The above data is approximate and subjected to manufacturing tolerance.
- Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

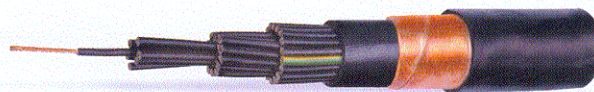
Control Cables, with Solid Copper Conductors, PVC Insulated, Copper Tape Screened and PVC Sheathed

Description

- Five or more cores of solid Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together, screened with Copper wire or tape and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502 or BS 6346.

Application

- For outdoor and indoor installations in damp and wet locations, connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations. They are laid in air, in ducts, in trenches, in steel support brackets or direct in ground, when well protected.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	no x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-S1A5-Z04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	14.2	305
CP1-S107-Z04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	15.1	350
CP1-S110-Z04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	18.1	465
CP1-S112-Z04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	18.6	520
CP1-S114-Z04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	19.4	575
CP1-S116-Z04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	20.2	635
CP1-S119-Z04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	21.1	715
CP1-S124-Z04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	25.3	930
CP1-S130-Z04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	27.5	1115
CP1-S137-Z04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	27.1	1205
CP1-S1A5-Z06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	15.1	380
CP1-S107-Z06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	16.2	450
CP1-S110-Z06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	19.6	560
CP1-S112-Z06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	20.1	650
CP1-S114-Z06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	21.0	750
CP1-S116-Z06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	22.0	830
CP1-S119-Z06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	23.0	970
CP1-S124-Z06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	26.4	1260
CP1-S130-Z06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	27.8	1380
CP1-S137-Z06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	30.0	1670
CP1-S1A5-Z08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	18.5	540
CP1-S107-Z08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	19.9	670
CP1-S110-Z08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	23.2	800
CP1-S112-Z08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	23.9	920
CP1-S114-Z08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	25.0	1080
CP1-S116-Z08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	26.2	1230
CP1-S119-Z08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	27.5	1430
CP1-S124-Z08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	32.0	1780
CP1-S130-Z08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	34.0	2210
CP1-S137-Z08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	36.7	2790

- The above data is approximate and subjected to manufacturing tolerance.
 - Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

Control Cables, with Stranded Copper Conductors, PVC Insulated, Copper Tape Screened and PVC Sheathed

Description

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- Cables generally comply with IEC 60502 or BS 6346.

Application

- For outdoor and indoor installations in damp and wet locations, connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations. They are laid in air, in ducts, in trenches, in steel support brackets or direct in ground, when well protected.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-T1A5-Z04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	15.7	340
CP1-T107-Z04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	15.7	370
CP1-T110-Z04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	18.9	495
CP1-T112-Z04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	19.4	550
CP1-T114-Z04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	20.2	610
CP1-T116-Z04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	21.1	670
CP1-T119-Z04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	22.1	760
CP1-T124-Z04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	25.3	930
CP1-T130-Z04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	27.5	1115
CP1-T137-Z04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	28.5	1290
CP1-T1A5-Z06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	15.8	390
CP1-T107-Z06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	16.9	470
CP1-T110-Z06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	20.5	630
CP1-T112-Z06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	21.1	710
CP1-T114-Z06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	22.0	800
CP1-T116-Z06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	23.0	875
CP1-T119-Z06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	24.1	1000
CP1-T124-Z06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	27.7	1225
CP1-T130-Z06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	26.8	1240
CP1-T137-Z06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	31.5	1750
CP1-T1A5-Z08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	18.5	540
CP1-T107-Z08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	19.9	670
CP1-T110-Z08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	24.4	850
CP1-T112-Z08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	25.2	980
CP1-T114-Z08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	26.3	1160
CP1-T116-Z08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	27.6	1310
CP1-T119-Z08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	29.0	1520
CP1-T124-Z08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	33.8	1900
CP1-T130-Z08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	35.9	2350
CP1-T137-Z08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	38.8	2970

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0.6/1 (1.2) kV

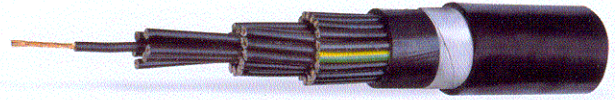
Control Cables, with Solid Copper Conductors, PVC Insulated, Steel Tape Armoured and PVC Sheathed

Description

- Five or more cores of solid Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together, covered with a layer of PVC compound as a bedding, armoured with a steel tape and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502.

Application

- For outdoor installations in damp and wet locations, laid direct in the ground, where mechanical damages are expected to occur. They are normally used in connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
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CP1-S107-A04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	15.5	410
CP1-S110-A04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	18.5	540
CP1-S112-A04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	19.0	590
CP1-S114-A04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	20.6	670
CP1-S116-A04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	20.6	720
CP1-S119-A04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	21.5	800
CP1-S124-A04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	24.5	970
CP1-S130-A04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	25.8	1170
CP1-S137-A04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	27.5	1315
CP1-S1A5-A06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	15.5	340
CP1-S107-A06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	16.6	495
CP1-S110-A06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	20.0	650
CP1-S112-A06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	20.5	760
CP1-S114-A06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	21.4	820
CP1-S116-A06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	22.4	920
CP1-S119-A06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	23.4	1030
CP1-S124-A06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	27.0	1260
CP1-S130-A06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	28.2	1520
CP1-S137-A06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	30.5	1830
CP1-S1A5-A08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	18.9	610
CP1-S107-A08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	20.3	710
CP1-S110-A08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	23.6	890
CP1-S112-A08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	24.1	1140
CP1-S114-A08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	25.4	1180
CP1-S116-A08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	26.6	1300
CP1-S119-A08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	28.1	1500
CP1-S124-A08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	32.6	1890
CP1-S130-A08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	34.4	2480
CP1-S137-A08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	37.3	3030

- The above data is approximate and subjected to manufacturing tolerance.
- Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

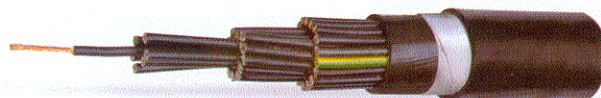
Control Cables, with Stranded Copper Conductors, PVC Insulated, Steel Tape Armoured and PVC Sheathed

Description

- Five or more cores of stranded Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together, covered with a layer of PVC compound as a bedding, armoured with a steel tape and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502.

Application

- For outdoor installations in damp and wet locations, laid direct in the ground, where mechanical damages are expected to occur. They are normally used in connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-T1A5-A04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	14.6	350
CP1-T107-A04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	17.0	430
CP1-T110-A04	10 x 1.5	12.10	14.60	14.0	12.0	11.5	19.3	570
CP1-T112-A04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	19.8	625
CP1-T114-A04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	20.6	690
CP1-T116-A04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	20.5	800
CP1-T119-A04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	22.5	850
CP1-T124-A04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	25.7	1030
CP1-T130-A04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	27.3	1185
CP1-T137-A04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	28.9	1400
CP1-T1A5-A06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	16.2	440
CP1-T107-A06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	17.3	530
CP1-T110-A06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	20.9	710
CP1-T112-A06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	21.5	790
CP1-T114-A06	14 x 2.5	7.41	8.87	16.0	14.5	12.0	22.4	880
CP1-T116-A06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	23.4	970
CP1-T119-A06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	24.5	1090
CP1-T124-A06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	28.1	1340
CP1-T130-A06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	27.3	1630
CP1-T137-A06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	31.9	1875
CP1-T1A5-A08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	18.9	660
CP1-T107-A08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	20.3	740
CP1-T110-A08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	24.9	960
CP1-T112-A08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	25.6	1120
CP1-T114-A08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	26.7	1270
CP1-T116-A08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	28.0	1390
CP1-T119-A08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	29.4	1610
CP1-T124-A08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	34.4	2030
CP1-T130-A08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	36.5	2660
CP1-T137-A08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	39.4	3250

- The above data is approximate and subjected to manufacturing tolerance.
 - Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

Control Cables, with Solid Copper Conductors, PVC Insulated, Steel Wire Armoured and PVC Sheathed

Description

- Five or more cores of solid Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together, covered with a layer of PVC compound as a bedding, armoured with steel wire and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502 or BS 6346.

Application

- For outdoor installations in damp and wet locations, laid direct in the ground, where excessive mechanical stress are requested, in slopping and movable Terrains and in vertical or inclined laying, as well as in locations susceptible to sliding (sand deserts). They are normally used in connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations.



Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
	nr x mm ²	Ω/km	Ω/km	A	A	A	mm	kg/km
CP1-S1A5-W04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	16.0	470
CP1-S107-W04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	17.2	530
CP1-S110-W04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	20.2	740
CP1-S112-W04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	22.5	1050
CP1-S114-W04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	23.3	1110
CP1-S116-W04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	24.2	1220
CP1-S119-W04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	25.2	1320
CP1-S124-W04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	28.0	1530
CP1-S130-W04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	30.1	1800
CP1-S137-W04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	33.0	2180
CP1-S1A5-W06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	17.2	570
CP1-S107-W06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	18.4	640
CP1-S110-W06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	22.9	1125
CP1-S112-W06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	24.2	1240
CP1-S114-W06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	25.1	1350
CP1-S116-W06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	26.1	1470
CP1-S119-W06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	27.4	1620
CP1-S124-W06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	30.5	1970
CP1-S130-W06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	33.7	2380
CP1-S137-W06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	36.6	2790
CP1-S1A5-W08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	20.2	750
CP1-S107-W08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	22.7	1150
CP1-S110-W08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	26.3	1460
CP1-S112-W08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	28.2	1650
CP1-S114-W08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	29.2	1790
CP1-S116-W08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	30.8	1980
CP1-S119-W08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	32.1	2150
CP1-S124-W08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	37.5	3010
CP1-S130-W08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	40.4	3430
CP1-T137-W08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	43.3	4020

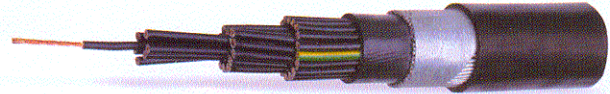
- The above data is approximate and subjected to manufacturing tolerance.
- Delivery length tolerance is ± 5%

0.6/1 (1.2) kV

Control Cables, with Stranded Copper Conductors, PVC Insulated, Steel Wire Armoured and PVC Sheathed

Description

- Five or more cores of stranded Copper conductors are insulated with PVC compound rated 70 °C or 85 °C, assembled together, covered with a layer of PVC compound as a bedding, armoured with a steel wire and covered with an overall jacket of PVC compound.
- Cables generally comply with IEC 60502 or BS 6346.



Application

- For outdoor installations in damp and wet locations, laid direct in the ground, where excessive mechanical stress are requested, in slopping and movable Terrains and in vertical or inclined laying, as well as in locations susceptible to sliding (sand deserts). They are normally used in connecting signalling and control units in industry, in railways, in traffic signals, in Thermopower and Hydropower stations.

Egytech - code	Number & cross sectional area	Max. conductor resistance		Current rating			Approx. overall diameter	Approx. weight
		DC at 20 °C	AC at 70 °C	Laid direct in ground	Laid into ducts	Laid in free air		
		Ω/km	Ω/km	A	A	A		
	nr x mm ²						mm	kg/km
CP1-T1A5-W04	5 x 1.5	12.10	14.60	18.0	15.5	13.5	16.6	500
CP1-T107-W04	7 x 1.5	12.10	14.60	16.0	14.0	12.5	18.0	550
CP1-T110-W04	10 x 1.5	12.10	14.60	14.0	12.5	11.5	21.0	770
CP1-T112-W04	12 x 1.5	12.10	14.60	13.0	11.5	10.5	23.3	1080
CP1-T114-W04	14 x 1.5	12.10	14.60	12.0	10.5	9.5	24.2	1140
CP1-T116-W04	16 x 1.5	12.10	14.60	11.0	10.0	9.0	25.0	1260
CP1-T119-W04	19 x 1.5	12.10	14.60	10.0	9.0	8.0	26.0	1370
CP1-T124-W04	24 x 1.5	12.10	14.60	9.0	8.0	7.5	28.9	1620
CP1-T130-W04	30 x 1.5	12.10	14.60	8.0	7.5	6.5	31.0	1850
CP1-T137-W04	37 x 1.5	12.10	14.60	7.5	6.5	6.0	34.0	2250
CP1-T1A5-W06	5 x 2.5	7.41	8.87	24.0	20.5	18.0	17.8	600
CP1-T107-W06	7 x 2.5	7.41	8.87	22.0	18.5	16.0	19.2	660
CP1-T110-W06	10 x 2.5	7.41	8.87	20.0	16.5	14.5	23.8	1660
CP1-T112-W06	12 x 2.5	7.41	8.87	18.0	15.5	13.5	25.0	1280
CP1-T114-W06	14 x 2.5	7.41	8.87	16.0	14.0	12.0	26.0	1390
CP1-T116-W06	16 x 2.5	7.41	8.87	15.0	13.0	11.0	27.0	1510
CP1-T119-W06	19 x 2.5	7.41	8.87	14.0	12.0	10.5	28.3	1670
CP1-T124-W06	24 x 2.5	7.41	8.87	13.0	11.0	9.5	31.4	2030
CP1-T130-W06	30 x 2.5	7.41	8.87	11.5	10.0	8.5	34.5	2450
CP1-T137-W06	37 x 2.5	7.41	8.87	10.0	9.0	7.5	37.4	2870
CP1-T1A5-W08	5 x 4.0	4.61	5.51	31.0	25.5	24.0	20.8	780
CP1-T107-W08	7 x 4.0	4.61	5.51	28.0	23.0	21.5	23.5	1190
CP1-T110-W08	10 x 4.0	4.61	5.51	25.0	21.0	19.5	27.2	1510
CP1-T112-W08	12 x 4.0	4.61	5.51	23.0	19.5	18.0	29.0	1700
CP1-T114-W08	14 x 4.0	4.61	5.51	20.5	17.0	16.0	30.0	1850
CP1-T116-W08	16 x 4.0	4.61	5.51	19.5	16.0	15.0	31.6	2040
CP1-T119-W08	19 x 4.0	4.61	5.51	18.0	15.0	14.0	33.0	2260
CP1-T124-W08	24 x 4.0	4.61	5.51	16.0	13.5	12.5	38.4	3070
CP1-T130-W08	30 x 4.0	4.61	5.51	14.5	12.0	11.0	41.3	3560
CP1-T137-W08	37 x 4.0	4.61	5.51	13.0	11.0	10.0	43.2	4120

- The above data is approximate and subjected to manufacturing tolerance.
 - Delivery length tolerance is ± 5%



