

FLEXIBLE CONTROL CABLES

Description :

Control cables with Annealed flexible copper conductors with PVC insulation, and PVC sheath .

Applicable standards :

IEC 60227

IEC 60228

Egyptian standard 182 .

Egyptian standard 2948 .

Conductors :

Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation :

- Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard .

Sheath :

- The insulated conductors must be sheathed with another layer of P.V.C. .

Applications :

- Used in all factories for connections between different parts of the machine .

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Conductor Size	No of Cores X No. Of strands X Diameter.	Insulation Thickness (approx.)	Sheath Thickness (approx.)	Overall diameter (approx.)	Approx. weight
mm ²	(mm)	(mm)	(mm)	mm	Kg/Km
5 X 1	5 X 14 X 0.30	0.8	1.8	10.5	175
7 X 1	7 X 14 X 0.30	0.8	1.8	11.5	215
10 X 1	10 X 14 X 0.30	0.8	1.8	14.2	340
14 X 1	14 X 14 X 0.30	0.8	1.8	16	388
16 X 1	16 X 14 X 0.30	0.8	1.8	16.5	450
19 X 1	19 X 14 X 0.30	0.8	1.8	17	497
27 X 1	27 X 14 X 0.30	0.8	2	19.5	690
30 X 1	30 X 14 X 0.30	0.8	2	20.4	750
5 X 1.5	5 X 21 X 0.30	0.8	1.8	12.2	200
7 X 1.5	7 X 21 X 0.30	0.8	1.8	13	260
10 X 1.5	10 X 21 X 0.30	0.8	1.8	16.5	365
14 X 1.5	14 X 21 X 0.30	0.8	1.8	17.3	432
16 X 1.5	16 X 21 X 0.30	0.8	1.8	18.2	500
19 X 1.5	19 X 21 X 0.30	0.8	1.8	19.1	553
27 X 1.5	27 X 21 X 0.30	0.8	2	22.5	775
30 X 1.5	30 X 21 X 0.30	0.8	2	23.7	850
5 X 2	5 X 28 X 0.30	0.8	1.8	12.3	247
7 X 2	7 X 28 X 0.30	0.8	1.8	13.5	311
10 X 2	10 X 28 X 0.30	0.8	1.8	16.5	425
14 X 2	14 X 28 X 0.30	0.8	1.8	18	550
16 X 2	16 X 28 X 0.30	0.8	1.8	19	630
19 X 2	19 X 28 X 0.30	0.8	2	20	725
27 X 2	27 X 28 X 0.30	0.8	2	23.7	980
30 X 2	30 X 28 X 0.30	0.8	2	24.5	1110

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mm ²	(mm)	(mm)	(mm)	mm	Kg/Km
5 X 2.50	5 X 35 X 0.30	0.8	1.8	13.5	265
7 X 2.50	7 X 35 X 0.30	0.8	1.8	14.5	340
10 X 2.50	10 X 35 X 0.30	0.8	1.8	17.7	460
14 X 2.50	14 X 35 X 0.30	0.8	1.8	19	595
16 X 2.50	16 X 35 X 0.30	0.8	1.8	20	700
19 X 2.50	19 X 35 X 0.30	0.8	2	21.5	792
27 X 2.50	27 X 35 X 0.30	0.8	2	25.5	1000
30 X 2.50	30 X 35 X 0.30	0.8	2	26.5	1200
5 X 3	5 X 42 X 0.30	0.8	1.8	14	300
7 X 3	7 X 42 X 0.30	0.8	1.8	15	380
10 X 3	10 X 42 X 0.30	0.8	1.8	19	550
14 X 3	14 X 42 X 0.30	0.8	2	21	720
16 X 3	16 X 42 X 0.30	0.8	2	23	940
19 X 3	19 X 42 X 0.30	0.8	2	27	1200
27 X 3	27 X 42 X 0.30	0.8	2	27.5	1300
30 X 3	30 X 42 X 0.30	0.8	2	28	1400
5 X 4	5 X 56 X 0.30	1	1.8	16	410
7 X 4	7 X 56 X 0.30	1	1.8	17	490
10 X 4	10 X 56 X 0.30	1	2	22	720
14 X 4	14 X 56 X 0.30	1	2	24	950
16 X 4	16 X 56 X 0.30	1	2	26	1200
19 X 4	19 X 56 X 0.30	1	2.2	32	1600
27 X 4	27 X 56 X 0.30	1	2.2	32.5	1700
30 X 4	30 X 56 X 0.30	1	2.2	33	1900