

SINGLE CORE CABLES WITH STRANDED COPPER CONDUCTORS 450/750 V

Description :

Single core stranded copper conductor P.V.C. insulated .

Applicable standards :

IEC 60227

IEC 60228

Egyptian standard 182 .

Egyptian standard 2948 .

Conductors :

Annealed stranded copper conductor in accordance with IEC60228-Class (2) and Egyptian standard 2948 Class (2).

Insulation :

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

Applications :

- Transmission of power inside buildings ,for houses,office and for all constructions .

- Transmission of power from transformers to buildings .

SINGLE CORE CABLES WITH STRANDED COPPER CONDUCTORS 450/750 V

Conductor size (mm) ²	No of Cores x Diam (mm)	Insulation Thickness (mm)	Overall diameter (approx.) (mm)	Cable weight (approx.) (Kg/Km)
1	7 x 0.43	0.8	2.7	15.57
1.5	7 x 0.53	0.8	3	22.15
2	7 x 0.6	0.8	3.2	27.1
3	7 x 0.67	0.8	3.7	33.55
4	7 x 0.85	1	4.76	62
6	7 x 1.05	1	5.3	83
10	7 x 1.350	1	6.3	117
14	7 x 1.6	1	7.3	172.5
16	7 x 1.7	1	7.5	186
25	7 x 2.1	1.2	8.3	287.5
25	19 x 1.3	1.2	8.3	287.5
35	7 x 2.5	1.2	9.3	370
35	19 x 1.5	1.2	9.3	370
50	7 x 3.00	1.4	12.2	533
50	19 x 1.8	1.4	12.2	533
70	19 x 2.2	1.4	14.3	732
95	19 x 2.50	1.6	16.1	996
120	37 x 2.00	1.6	17.6	1219
150	37 x 2.25	1.8	19.75	1541
185	37 x 2.50	2	21.64	1866
240	61 x 2.25	2.2	22.65	2471
300	61 x 2.5	2.4	27.5	3124