

## Multi Core Cables With Flexible Copper Conductors(450/750)v

### **Description :**

*Thermoplastic cables with stranded annealed flexible copper conductors with PVC insulation, 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 :**

*- Transmission of current for air conditions,heaters,....etc .*

*- Used in all factories to transmit electricity from the control cabinets to different parts of the machines .*

## Multi Core Cables With Flexible Copper Conductors(450/750)v

Conductor Size	No of Cores X No of strands X Diameter	Sheath Thickness (approx. )	Overall diameter (approx.)	Cable weight (approx.)
mm <sup>2</sup>	(mm)	(mm)	(mm)	kg / km
<b>TWO CORE</b>				
2 X 0.75	2 X 11 X 0.3	1	6.5	60
2 X 1.00	2 X 14 X 0.30	1	7.5	72.5
2 X 1.50	2 X 21 X 0.30	1	8	83
2 X 2.00	2 X 28 X 0.30	1	8.5	125
2 X 2.50	2 X 35 X 0.30	1.2	9.8	138
2 X 3.00	2 X 42 X 0.30	1.2	10.4	162
2 X 3.5	2 X 45 X 0.30	1.2	10.5	167
2 X 4.00	2 X 56 0.30	1.5	12	187
2 X 6.50	2 X 84 X 0.30	1.5	14	307
2 X 10.00	2 X 140 X 0.30	1.5	17.8	500
<b>THREE CORE</b>				
3 X 0.75	3 X 11 X 0.30	1	7.5	68
3 X 1.00	3 X 14 X 0.30	1	8	101.5
3 X 1.50	3 X 21 X 0.30	1	8.5	130
3 X 2.00	3 X 28 X 0.30	1	9.8	165
3 X 2.5	3 X 35 X 0.30	1.2	11	190
3 X 3.00	3 X 42 X 0.30	1.2	12	205
3 X 3.50	3 X 45 X 0.30	1.5	12	207
3 X 4.00	3 X 56 X 0.30	1.5	13	243
3 X 6.50	3 X 84 X 0.30	1.5	14	327.5
3 X 10.00	3 X 140 X 0.30	1.5	19	620
<b>FOUR CORE</b>				
4 X 0.75	4 X 11 X 0.30	1	8.5	82
4 X 1.00	4 X 14 X 0.30	1	8.5	105
4 X 1.50	4 X 21 X 0.30	1	9.25	150
4 X 2	4 X 28 X 0.30	1	10	180
4 X 2.5	4 X 35 X 0.30	1.2	12	215
4 X 3	4 X 42 X 0.30	1.2	13.5	295
4 X 4	4 X 56 X 0.30	1.5	15	360
4 X 6	4 X 84 X 0.30	1.5	16	480
4 X 10	4 X 140 X 0.30	1.5	21	810