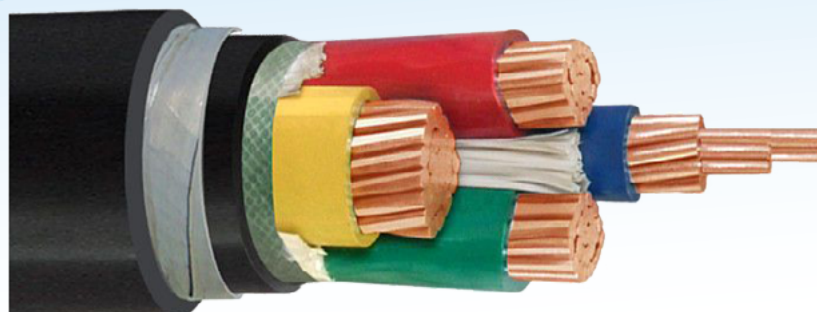


PVC CABLE



PVC Insulated Non - Armoured Power Cables (Copper Conductor) - Three Core

Conductor		Nominal insulation thickness mm	Approx. overall diameter mm	Approx. cable weight kg/km	Electrical Specification					
Size mm ²	Shape of conductor				Current Rating		Conduction Resistance		Reactance at 50 Hz Ω/Km	Short circuit current For 1 sec KA
					In the air at 40°C A	In the ground at 25°C A	D.C at 20°C Ω/Km	50 Hz at 90°C Ω/Km		
1.5mm ²	Circular Stranded	0.7	11.5	150	22	29	12.1	15.4	0.1020	0.21
2.5mm ²	Circular Stranded	0.7	12.0	185	29	37	7.41	9.45	0.0932	0.36
4mm ²	Circular Stranded	0.7	13.0	240	38	49	4.61	5.88	0.0875	0.57
6mm ²	Circular Stranded	0.7	14.5	315	48	61	3.08	3.93	0.0837	0.85
10mm ²	Circular Stranded	0.7	16.5	465	65	81	1.83	2.33	0.0785	1.42
16mm ²	Circular Stranded	0.7	18.0	645	88	100	1.15	1.47	0.0761	2.28

PVC Insulated Non - Armoured Power Cables (Copper Conductor) - Four Core

Conductor		Nominal insulation thickness mm	Approx. overall diameter mm	Approx. cable weight kg/km	Electrical Specification					
Size mm ²	Shape of conductor				Current Rating		Conduction Resistance		Reactance at 50 Hz Ω/Km	Short circuit current For 1 sec KA
					In the air at 40°C A	In the ground at 25°C A	D.C at 20°C Ω/Km	50 Hz at 90°C Ω/Km		
1.5mm ²	Circular Stranded	0.7	12.5	180	22	29	12.1	15.4	0.1020	0.21
2.5mm ²	Circular Stranded	0.7	13.5	220	29	37	7.41	9.45	0.0932	0.36
4mm ²	Circular Stranded	0.7	14.5	300	38	49	4.61	5.88	0.0875	0.57
6mm ²	Circular Stranded	0.7	16.0	400	48	61	3.08	3.93	0.0837	0.85
10mm ²	Circular Stranded	0.7	17.5	580	65	81	1.83	2.33	0.0785	1.42
16mm ²	Circular Stranded	0.7	19.5	820	88	100	1.15	1.47	0.0761	2.28