

Prima Cable Single Core (Armoured and Unarmoured) Power Cables with Copper and Aluminium Conductors.

| Cross-sectional area (sq.mm) | Thickness insulation | | Thickness of PVC outer Sheath(mm) | | Max. Outer Diameter | | Current Rating (Amps) | | | |
|------------------------------|----------------------|----------|-----------------------------------|----------|---------------------|----------|------------------------|--------------------|------------------------|-------------------|
| | Unarm (mm) | Arm (mm) | Unarm (mm) | Arm (mm) | Unarm (mm) | Arm (mm) | Copper | | Aluminium | |
| | | | | | | | Direct in ground(Amps) | Laid in air (Amps) | Direct in ground(Amps) | Laid in air(Amps) |
| 1.5 | 0.8 | 1.1 | 1.8 | 1.24 | 7.8 | 9.2 | 25 | 22 | 21 | 18 |
| 2.5 | 0.9 | 1.2 | 1.8 | 1.24 | 8 | 10.2 | 35 | 30 | 28 | 25 |
| 4 | 1 | 1.3 | 1.8 | 1.24 | 8.3 | 10.7 | 39 | 35 | 31 | 27 |
| 6 | 1 | 1.3 | 1.8 | 1.24 | 9.2 | 11.6 | 49 | 44 | 39 | 35 |
| 10 | 1 | 1.3 | 1.8 | 1.24 | 10.1 | 12.5 | 65 | 60 | 51 | 47 |
| 16 | 1 | 1.3 | 1.8 | 1.24 | 10.8 | 13.2 | 85 | 82 | 66 | 64 |
| 25 | 1.2 | 1.5 | 1.8 | 1.24 | 12.4 | 14.8 | 110 | 110 | 86 | 84 |
| 35 | 1.2 | 1.5 | 1.8 | 1.24 | 13.4 | 15.8 | 130 | 130 | 100 | 105 |
| 50 | 1.4 | 1.7 | 1.8 | 1.24 | 15.2 | 17.6 | 155 | 165 | 120 | 130 |
| 70 | 1.4 | 1.7 | 1.8 | 1.4 | 16.8 | 19.6 | 190 | 205 | 140 | 155 |
| 95 | 1.6 | 1.9 | 1.8 | 1.4 | 18.9 | 20.9 | 220 | 245 | 175 | 190 |
| 120 | 1.6 | 1.9 | 2 | 1.4 | 20.8 | 22.4 | 250 | 280 | 195 | 220 |
| 150 | 1.8 | 2.1 | 2 | 1.4 | 22.7 | 24.3 | 280 | 320 | 220 | 250 |
| 185 | 2 | 2.3 | 2 | 1.4 | 24.8 | 26.4 | 305 | 370 | 240 | 290 |
| 240 | 2.2 | 2.5 | 2 | 1.4 | 27.4 | 29.1 | 345 | 425 | 270 | 335 |
| 300 | 2.4 | 2.7 | 2 | 1.56 | 30 | 32.1 | 375 | 475 | 295 | 380 |
| 400 | 2.6 | 3 | 2.2 | 1.56 | 34.2 | 36 | 400 | 550 | 325 | 435 |
| 500 | 3 | 3.4 | 2.2 | 1.56 | 37.8 | 39.6 | 425 | 590 | 345 | 480 |
| 630 | 3.4 | 3.9 | 2.4 | 1.72 | 42.7 | 44.7 | 470 | 660 | 390 | 550 |
| 800 | 3.4 | 3.9 | 2.4 | 1.88 | 47.1 | 49.4 | 530 | 725 | 440 | 600 |
| 1000 | 3.4 | 3.9 | 2.6 | 2.04 | 51.5 | 53.7 | 590 | 870 | 490 | 720 |