

Armoured PVC Control Cable

| No. of Cores & Cross Sectional Area NO x mm ² | Thickness of PVC Insulation (Nom.) mm | Thickness of Innersheath (min.) Extruded mm | STRIP ARMoured CABLE | | | | WIRE ARMoured CABLE | | | | Standard Delivery Length in Mtrs. | Current Rating | |
|--|---------------------------------------|---|----------------------|--|---------------|-------------------------------------|---------------------|--|---------------|-------------------------------------|-----------------------------------|-----------------------|--------------------|
| | | | Strip Size mm | Thickness of PVC Outer sheath (Min) mm | Approx. OD mm | Approx. Net weight of Cable Kg / km | Round Wire Dia mm | Thickness of PVC Outer sheath (Min) mm | Approx. OD mm | Approx. Net Weight of Cable Kg / Km | | Direct in Ground Amps | In Air/ Duct. Amps |
| 2 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 13.6 | 415 | 1000 | 23 | 20 |
| 3 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 14.1 | 430 | 1000 | 21 | 17 |
| 4 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 15.0 | 490 | 1000 | 21 | 17 |
| 5 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 15.9 | 545 | 1000 | 16 | 14 |
| 6 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 16.9 | 605 | 1000 | 15 | 13 |
| 7 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.24 | 16.9 | 630 | 1000 | 14 | 13 |
| 10 x 1.5 | 0.8 | 0.3 | — | — | — | — | 1.4 | 1.40 | 20.6 | 835 | 1000 | 13 | 11 |
| 12 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.24 | 19.5 | 760 | 1.6 | 1.40 | 21.5 | 950 | 1000 | 12 | 10 |
| 14 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 20.8 | 830 | 1.6 | 1.40 | 22.4 | 1040 | 1000 | 11 | 10 |
| 16 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 21.7 | 920 | 1.6 | 1.40 | 23.3 | 1130 | 1000 | 11 | 9 |
| 19 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 23.1 | 1040 | 1.6 | 1.40 | 24.7 | 1265 | 1000 | 10 | 9 |
| 24 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 26.4 | 1250 | 1.6 | 1.40 | 28.0 | 1510 | 1000 | 9 | 8 |
| 27 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 26.9 | 1355 | 1.6 | 1.40 | 28.5 | 1610 | 1000 | 9 | 8 |
| 30 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 27.8 | 1430 | 1.6 | 1.40 | 29.4 | 1700 | 1000 | 9 | 7 |
| 37 x 1.5 | 0.8 | 0.3 | 4 x 0.8 | 1.40 | 29.7 | 1670 | 1.6 | 1.40 | 31.3 | 1960 | 1000 | 8 | 7 |
| 2 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 14.8 | 500 | 1000 | 32 | 27 |
| 3 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 15.4 | 520 | 1000 | 27 | 24 |
| 4 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 16.4 | 590 | 1000 | 27 | 24 |
| 5 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 17.5 | 660 | 1000 | 23 | 19 |
| 6 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 18.7 | 745 | 1000 | 21 | 18 |
| 7 x 2.5 | 0.9 | 0.3 | — | — | — | — | 1.4 | 1.24 | 18.7 | 780 | 1000 | 20 | 17 |
| 10 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 21.8 | 900 | 1.6 | 1.40 | 23.4 | 1110 | 1000 | 18 | 15 |
| 12 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 22.8 | 1020 | 1.6 | 1.40 | 24.4 | 1240 | 1000 | 17 | 14 |
| 14 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 23.8 | 1130 | 1.6 | 1.40 | 25.4 | 1340 | 1000 | 16 | 13 |
| 16 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 24.9 | 1210 | 1.6 | 1.40 | 26.5 | 1455 | 1000 | 15 | 13 |
| 19 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 26.1 | 1355 | 1.6 | 1.40 | 27.7 | 1605 | 1000 | 14 | 12 |
| 24 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 30.0 | 1655 | 1.6 | 1.56 | 32.0 | 1970 | 1000 | 13 | 11 |
| 27 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.40 | 30.6 | 1770 | 1.6 | 1.56 | 32.6 | 2100 | 1000 | 12 | 10 |
| 30 x 2.5 | 0.9 | 0.3 | 4 x 0.8 | 1.56 | 32.0 | 1940 | 1.6 | 1.56 | 33.6 | 2250 | 1000 | 12 | 10 |
| 37 x 2.5 | 0.9 | 0.4 | 4 x 0.8 | 1.56 | 34.7 | 2300 | 2.0 | 1.56 | 37.1 | 2900 | 1000 | 11 | 9 |

Construction

1. Solid / Stranded annealed copper conductor & Tinned / Bare
2. General Purpose / HR PVC insulation
3. Cores laid up (filled if needed)
4. FRLS / General Purpose PVC inner sheath
5. Armouring round Galvanised Steel wires / strips
6. FRLS / General purpose PVC Outersheath

Max. Conductor D.C. Resistance at 20 Deg C - Conductor Size :

- 1.5 sq.mm - 12.1 Ohm / km (Bare), 12.2 W / km (Tinned)
 2.5 sq.mm - 7.41 Ohm / km (Bare), 7.56 W / km (Tinned)

* Dimensions specified are with stranded conductor.