

MEGA KABEL PRODUCTS SPECIFICATION



CONSTRUCTION

| | |
|------------------|-----------------------------------|
| CONDUCTOR | : PLAIN ANNEALED COPPER CONDUCTOR |
| INSULATION | : PVC COMPOUND |
| BEDDING | : PVC COMPOUND |
| ARMOUR | : GALVANISED STEEL WIRES |
| SHEATH | : PVC COMPOUND |
| COLOUR OF CORES | : RED, YELLOW, BLUE AND BLACK |
| COLOUR OF SHEATH | : BLACK |

PVC-INSULATED, PVC-SHEATHED ARMoured CABLES.

MS 274 / BS 6346

600 / 1000 VOLTS

| Nominal Area of Conductor mm ² | Shape of Conductor | Thickness of Insulation mm | Thickness of Extruded Bedding mm | Nominal armour wire diameter mm | Thickness of Oversheath mm | Extruded Bedding | |
|--|--------------------|-------------------------------|-------------------------------------|------------------------------------|-------------------------------|--------------------------------|----------------------------|
| | | | | | | Approx. Overall Diameter mm | Approx. Cable Wt. Kg/km |
| 1.5 | C.S. | 0.6 | 0.8 | 0.90 | 1.4 | 13.0 | 357 |
| 1.5 | C.C. | 0.6 | 0.8 | 0.90 | 1.4 | 13.5 | 357 |
| 2.5 | C.S. | 0.7 | 0.8 | 0.90 | 1.4 | 14.5 | 447 |
| 2.5 | C.C. | 0.7 | 0.8 | 0.90 | 1.4 | 15.0 | 450 |
| 4 | C.C. | 0.8 | 0.8 | 1.25 | 1.5 | 17.8 | 670 |
| 6 | C.C. | 0.8 | 0.8 | 1.25 | 1.5 | 19.2 | 770 |
| 10 | C.C. | 1.0 | 0.8 | 1.25 | 1.6 | 22.8 | 1083 |
| 16 | C.C. | 1.0 | 1.0 | 1.60 | 1.7 | 26.3 | 1587 |
| 25 | S.S. | 1.2 | 1.0 | 1.60 | 1.8 | 27.8 | 2188 |
| 25 | C.C. | 1.2 | 1.0 | 1.60 | 1.8 | 30.7 | 2154 |
| 35 | S.S. | 1.2 | 1.0 | 1.60 | 1.9 | 30.5 | 2739 |
| 50 | S.S. | 1.4 | 1.2 | 2.00 | 2.0 | 35.4 | 3746 |
| 70 | S.S. | 1.4 | 1.2 | 2.00 | 2.1 | 39.2 | 4798 |
| 95 | S.S. | 1.6 | 1.2 | 2.00 | 2.2 | 44.3 | 6174 |
| 120 | S.S. | 1.6 | 1.4 | 2.50 | 2.4 | 49.3 | 7976 |
| 150 | S.S. | 1.8 | 1.4 | 2.50 | 2.5 | 53.6 | 9630 |
| 185 | S.S. | 2.0 | 1.6 | 2.50 | 2.6 | 59.0 | 11392 |
| 240 | S.S. | 2.2 | 1.6 | 2.50 | 2.8 | 65.7 | 14414 |
| 300 | S.S. | 2.4 | 1.6 | 2.50 | 3.0 | 72.0 | 17502 |
| 400 | S.S. | 2.6 | 1.8 | 3.15 | 3.3 | 81.3 | 21467 |

Shape : C.C. : Circular Compacted Stranded Conductor (Class 2).
 C.S. : Circular Stranded Conductor (Class 2).
 S.S. : Shaped Stranded Conductor (Class 2).

Notes : Current rating and voltage drop refer to Page A-5