



# S.M.C

2.5 Sqmm Cables Cu/XLPE/PVC/SW/PVC

600/1000 V –

AUXILIARY CABLES  
(CONTROL CABLES)

Copper Conductor XLPE Insulated steel wire Armored

PVC Sheathed Cables

(Cu/XLPE/PVC/SWA/PVC): SIZE: 2.5 SQM



| Number of Cores | Maximum Conductor Resistance at 20°C | Thickness of Insulation | Thickness of Extruded Bedding | Dia. of Armor Wire | Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Cable Weight | Standard Packing Length | Drum size | Approx. Gross Weight |
|-----------------|--------------------------------------|-------------------------|-------------------------------|--------------------|---------------------------|--------------------------|----------------------|-------------------------|-----------|----------------------|
| No.             | Ohm/Km                               | mm                      | mm                            | mm                 | mm                        | mm                       | Kg/Km                | Meter ± 5%              |           | Kg                   |
| 2*              | 7.41                                 | 0.                      | 0.                            | 0.                 | 1.                        | 14.2                     | 375                  | 1000                    | D-10      | 435                  |
| 3*              | 7.41                                 | 0.                      | 0.                            | 0.                 | 1.                        | 14.8                     | 415                  | 1000                    | D-10      | 475                  |
| 4*              | 7.41                                 | 0.                      | 0.                            | 0.                 | 1.                        | 15.8                     | 465                  | 1000                    | D-11      | 565                  |
| 5*              | 7.41                                 | 0.                      | 0.                            | 0.                 | 1.                        | 16.8                     | 530                  | 1000                    | D-11      | 630                  |
| 7               | 7.41                                 | 0.                      | 0.                            | 0.                 | 1.                        | 17.9                     | 615                  | 1000                    | D-12      | 725                  |
| 8*              | 7.41                                 | 0.                      | 0.                            | 1.25               | 1.                        | 20.1                     | 810                  | 1000                    | D-12      | 920                  |
| 12              | 7.41                                 | 0.                      | 0.                            | 1.25               | 1.                        | 23.3                     | 1030                 | 500                     | D-11      | 615                  |
| 19              | 7.41                                 | 0.                      | 1.                            | 1.                 | 1.                        | 27.7                     | 1520                 | 500                     | D-12      | 870                  |
| 27              | 7.41                                 | 0.                      | 1.                            | 1.                 | 1.                        | 32.2                     | 1950                 | 500                     | D-16      | 1190                 |
| 37              | 7.41                                 | 0.                      | 1.                            | 1.                 | 1.                        | 35.3                     | 2360                 | 500                     | D-18      | 1420                 |
| 48*             | 7.41                                 | 0.                      | 1.                            | 2.                 | 2.                        | 41.4                     | 3230                 | 500                     | D-18      | 1860                 |
| 61*             | 7.41                                 | 0.                      | 1.                            | 2.                 | 2.                        | 44.7                     | 3760                 | 500                     | D-18      | 2120                 |
| 91*             | 7.41                                 | 0.                      | 1.                            | 2.                 | 2.                        | 53.9                     | 5540                 | 500                     | D-21      | 3190                 |

\*Cables conform generally to BS 5467 and IEC 60502 - 1

All other cables conform to BS 5467.

All conductors circular stranded, Cables with solid conductor available on request.

Core identification by number printing on white cores.