| No. of cores & cross sectional area | Min. No. of Wires | Thickness of PVC insulation (Nom.) | Min. Thickness of PVC inner sheath mm | Nominal Dimensions of Armour | Min. Thickness of PVC Outer Sheath mm | Overall Diameter (Approx.) | Approx. Net Wt. of Cable Strip (Kg/Km) | Wire (Kg/Km) | Max. D.C. Resistance at 20 Ohms/Km | Max. A.C. Resistance at 70 Ohms/Km | Approx. Capacitance at 50 Hz mF/Km | Approx. Current Ratings in Ground Amps A | In Duct Amps A | In Air Amps |
|----------------------------------|-------------------|---------------------------------|--------------------------------------|-----------------------------|----------------------------------------|-------------------------------|----------------------------------------|----------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------------------|------------------------------|-----------------|-----------------|
| 3Cx1.5                           | 1                 | 0.8                            | 0.3                                  | —                           | 1.40                                   | 1.24                         | 14.0                                   | 420             | 18.00                         | 11.00                        | 190                   | 0.140                             | 16                           | 14              | 13              |
| 3Cx2.5                           | 1                 | 0.9                            | 0.3                                  | —                           | 1.40                                   | 1.24                         | 15.0                                   | 500             | 18.00                         | 12.00                        | 230                   | 0.150                             | 21                           | 18              | 18              |
| 3Cx4                             | 1                 | 1.0                            | 0.3                                  | —                           | 1.40                                   | 1.24                         | 16.5                                   | 595             | 18.00                         | 13.50                        | 300                   | 0.116                             | 410                          | 28              | 23              |
| 3Cx6                             | 1                 | 1.0                            | 0.3                                  | —                           | 1.40                                   | 1.24                         | 17.5                                   | 685             | 18.00                         | 14.40                        | 350                   | 0.110                             | 470                          | 35              | 30              |
| 3Cx10                            | 1                 | 1.0                            | 0.3                                  | —                           | 1.40                                   | 1.40                         | 19.5                                   | 830             | 18.00                         | 15.60                        | 435                   | 0.100                             | 560                          | 46              | 39              |
| 3Cx16                            | 6                 | 1.0                            | 0.3                                  | 4x0.8                        | 1.60                                   | 1.40                         | 20.3                                   | 750             | 18.00                         | 18.40                        | 415                   | 0.097                             | 760                          | 60              | 50              |
| 3Cx25                            | 6                 | 1.2                            | 0.3                                  | 4x0.8                        | 1.60                                   | 1.40                         | 23.1                                   | 888             0.112                         | 21.50                        | 586                   | 0.097                             | 630                          | 76              | 63              |
| 3Cx35                            | 6                 | 1.2                            | 0.3                                  | 4x0.8                        | 1.60                                   | 1.40                         | 24.7                                   | 1129            0.143                         | 23.00                        | 705                   | 0.097                             | 115                          | 92              | 77              |
| 3Cx50                            | 6                 | 1.4                            | 0.3                                  | 4x0.8                        | 1.60                                   | 1.56                         | 26.6                                   | 1147            1.436                         | 26.50                        | 913                   | 0.094                             | 95                           | 110             | 105             |
| 3Cx70                            12                | 1.4                | 0.4                                  | 4x0.8                        | 2.00                                   | 1.56                         | 29.6                                   | 1426            1914                         | 29.90                        | 1187                  | 0.090                             | 115                          | 135             | 130             |
| 3Cx95                            15                | 1.6                | 0.4                                  | 4x0.8                        | 2.00                                   | 1.56                         | 33.5                                   | 1815            2420                         | 33.80                        | 1538                  | 0.090                             | 140                          | 165             | 155             |
| 3Cx120                           15                | 1.6                | 0.4                                  | 4x0.8                        | 2.00                                   | 1.72                         | 37.0                                   | 2166            2796                         | 37.00                        | 1829                  | 0.087                             | 155                          | 185             | 180             |
| 3Cx150                           15                | 1.8                | 0.5                                  | 4x0.8                        | 2.00                                   | 1.88                         | 40.1                                   | 2584            3249                         | 40.10                        | 2228                  | 0.087                             | 205                          | 210             | 205             |
| 3Cx185                           30                | 2.0                | 0.5                                  | 4x0.8                        | 2.50                                   | 1.88                         | 44.2                                   | 3009            4246                         | 44.60                        | 2743                  | 0.087                             | 240                          | 235             | 240             |
| 3Cx240                           30                | 2.2                | 0.6                                  | 4x0.8                        | 2.50                                   | 2.20                         | 50.3                                   | 3945            5171                         | 50.70                        | 3541                  | 0.087                             | 280                          | 275             | 280             |
| 3Cx300                           30                | 2.4                | 0.6                                  | 4x0.8                        | 2.50                                   | 2.36                         | 55.0                                   | 4731            6085                         | 55.50                        | 4296                  | 0.086                             | 315                          | 305             | 315             |
| 3Cx400                           53                | 2.6                | 0.7                                  | 4x0.8                        | 3.15                                   | 2.52                         | 62.6                                   | 5927            8135                         | 63.80                        | 5537                  | 0.086                             | 375                          | 335             | 375             |