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1. Single Core Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance At 20°C | Current Ratings | | | | | |
|------------------------------|---------------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|----------|----------|----------|----------|----------|
| | | | | | | Direct In ground | | In Duct | | In Air | |
| | | | | | | 2 Cables | 3 Cables | 2 Cables | 3 Cables | 2 Cables | 3 Cables |
| Sq. mm | mm | mm | mm | Kg/Km | Ohm/Km | Amps. | Amps. | Amps. | Amps. | Amps. | Amps. |
| 1.5* | 0.8 | 1.8 | 6.70 | 55 | 12.10 | 22 | 22 | 23 | 21 | 24 | 20 |
| 2.5* | 0.9 | 1.8 | 7.40 | 80 | 7.41 | 35 | 30 | 31 | 29 | 32 | 27 |
| 4.0* | 1.0 | 1.8 | 8.00 | 100 | 4.61 | 46 | 39 | 42 | 38 | 43 | 35 |
| 6.0* | 1.0 | 1.8 | 8.50 | 130 | 3.08 | 57 | 49 | 54 | 48 | 54 | 44 |
| 10.0 | 1.0 | 1.8 | 9.30 | 170 | 1.83 | 75 | 65 | 72 | 64 | 72 | 60 |
| 16.0 | 1.0 | 1.8 | 10.80 | 240 | 1.15 | 94 | 85 | 92 | 83 | 92 | 82 |
| 25.0 | 1.2 | 1.8 | 12.50 | 260 | 0.727 | 125 | 110 | 120 | 110 | 125 | 110 |
| 35.0 | 1.2 | 1.8 | 13.70 | 440 | 0.525 | 150 | 130 | 140 | 125 | 155 | 130 |
| 50.0 | 1.4 | 1.8 | 15.80 | 610 | 0.384 | 180 | 155 | 165 | 150 | 190 | 165 |
| 70.0 | 1.4 | 1.8 | 17.80 | 840 | 0.268 | 220 | 190 | 200 | 175 | 235 | 205 |
| 95.0 | 1.6 | 2.0 | 19.70 | 1090 | 0.193 | 265 | 220 | 230 | 200 | 275 | 245 |
| 120.0 | 1.6 | 2.0 | 21.80 | 1300 | 0.153 | 300 | 250 | 255 | 220 | 310 | 280 |
| 150.0 | 1.8 | 2.0 | 23.40 | 1600 | 0.124 | 340 | 280 | 280 | 245 | 345 | 320 |
| 185.0 | 2.0 | 2.0 | 25.50 | 2000 | 0.0991 | 380 | 305 | 305 | 260 | 390 | 370 |
| 240.0 | 2.2 | 2.0 | 28.60 | 2550 | 0.0754 | 420 | 345 | 340 | 285 | 445 | 425 |
| 300.0 | 2.4 | 2.2 | 32.00 | 3200 | 0.0601 | 465 | 375 | 370 | 310 | 500 | 475 |
| 400.0 | 2.6 | 2.2 | 36.50 | 4200 | 0.0470 | 500 | 400 | 405 | 335 | 570 | 550 |
| 500.0 | 3.0 | 2.4 | 40.20 | 5250 | 0.0366 | 540 | 425 | 430 | 355 | 610 | 590 |
| 630.0 | 3.4 | 2.4 | 43.50 | 6400 | 0.0283 | 590 | 470 | 465 | 375 | 680 | 660 |
| 800.0 | 3.4 | 2.4 | 50.00 | 8200 | 0.0221 | 668 | 533 | 527 | 425 | 832 | 808 |
| 1000.0 | 3.4 | 2.8 | 55.00 | 10200 | 0.0176 | 733 | 585 | 579 | 467 | 879 | 853 |

2. Two Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max DC Conductor Resistance At 20°C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------|-------------------------------------|------------------|---------|--------|
| | | | | | | | Direct in Ground | In Duct | In Air |
| | | | | | | | Amps. | Amps. | Amps. |
| Sq. mm | mm | mm | mm | mm | Kg/Km | Ohm/Km | | | |
| 4* | 1.0 | 0.3 | 1.8 | 13.0 | 297 | 4.61 | 41 | 35 | 35 |
| 6* | 1.0 | 0.3 | 1.8 | 14.5 | 375 | 3.08 | 50 | 45 | 45 |
| 10 | 1.0 | 0.3 | 1.8 | 15.6 | 475 | 1.83 | 70 | 58 | 60 |
| 16 | 1.0 | 0.3 | 1.8 | 16.5 | 562 | 1.15 | 90 | 75 | 78 |
| 25 | 1.2 | 0.3 | 2.0 | 19.4 | 790 | 0.727 | 115 | 97 | 105 |
| 35 | 1.2 | 0.3 | 2.0 | 21.0 | 1033 | 0.524 | 140 | 120 | 125 |
| 50 | 1.4 | 0.3 | 2.0 | 23.7 | 1370 | 0.387 | 165 | 145 | 155 |
| 70 | 1.4 | 0.3 | 2.0 | 26.3 | 1766 | 0.268 | 205 | 180 | 195 |
| 95 | 1.6 | 0.4 | 2.2 | 30.4 | 2375 | 0.193 | 245 | 215 | 230 |
| 120 | 1.6 | 0.4 | 2.2 | 32.8 | 2985 | 0.153 | 285 | 235 | 265 |
| 150 | 1.8 | 0.4 | 2.2 | 35.8 | 3470 | 0.124 | 320 | 270 | 305 |
| 185 | 2.0 | 0.4 | 2.2 | 39.3 | 4328 | 0.0991 | 360 | 300 | 350 |
| 240 | 2.2 | 0.5 | 2.4 | 44.5 | 5465 | 0.0754 | 425 | 345 | 410 |
| 300 | 2.4 | 0.5 | 2.6 | 49.1 | 6786 | 0.0601 | 480 | 385 | 465 |

* If required, Cables can be made with stranded conductor also.



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3. Three Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max DC Conductor Resistance At 20°C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------|-------------------------------------|------------------|---------|--------|
| | | | | | | | Direct in Ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | Kg/Km | Ohm/Km | Amps. | Amps. | Amps. |
| 4* | 1.0 | 0.3 | 1.8 | 13.7 | 393 | 4.61 | 36 | 30 | 30 |
| 6* | 1.0 | 0.3 | 1.8 | 14.8 | 510 | 3.08 | 45 | 38 | 39 |
| 10 | 1.0 | 0.3 | 1.8 | 16.5 | 620 | 1.83 | 60 | 50 | 52 |
| 16 | 1.0 | 0.3 | 1.8 | 17.8 | 735 | 1.15 | 77 | 64 | 60 |
| 25 | 1.2 | 0.3 | 2.0 | 21.2 | 1095 | 0.727 | 99 | 81 | 90 |
| 35 | 1.2 | 0.3 | 2.0 | 21.3 | 1355 | 0.524 | 120 | 99 | 110 |
| 50 | 1.4 | 0.3 | 2.0 | 26.1 | 1850 | 0.384 | 145 | 125 | 135 |
| 70 | 1.4 | 0.3 | 2.2 | 29.7 | 2500 | 0.268 | 175 | 150 | 165 |
| 95 | 1.6 | 0.4 | 2.2 | 33.7 | 3400 | 0.193 | 210 | 175 | 200 |
| 120 | 1.6 | 0.4 | 2.2 | 36.7 | 4200 | 0.153 | 240 | 195 | 230 |
| 150 | 1.8 | 0.4 | 2.4 | 40.6 | 5200 | 0.124 | 270 | 225 | 265 |
| 185 | 2.0 | 0.4 | 2.4 | 44.9 | 6200 | 0.0991 | 300 | 255 | 305 |
| 240 | 2.2 | 0.5 | 2.8 | 51.0 | 8000 | 0.0754 | 345 | 295 | 355 |
| 300 | 2.4 | 0.6 | 3.0 | 56.5 | 9900 | 0.0601 | 385 | 335 | 400 |

* If required, Cables can be made with stranded conductor also.

4. Three and a half Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | | Nominal Thickness of Insulation | | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx Overall Diameter | Approx Weight of Cables | Max. DC Conductor Resistance at 20°C | | Current Ratings | | |
|------------------------------|---------|---------------------------------|---------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|--------------------------------------|---------|------------------|----------|--------|
| Main | Neutral | Main | Neutral | | | | | Main | Neutral | Direct in Ground | In Ducts | In Air |
| Sq. mm. | Sq. mm | mm | mm | mm | mm | mm | Kg/Km | Ohm/km | Ohm/km | Amps | Amps | Amps |
| 25 | 16 | 1.2 | 1.0 | 0.3 | 2.00 | 23.90 | 1313 | 0.727 | 1.150 | 99 | 81 | 90 |
| 35 | 16 | 1.2 | 1.0 | 0.3 | 2.00 | 26.20 | 1600 | 0.524 | 1.150 | 120 | 99 | 110 |
| 50 | 25 | 1.4 | 1.2 | 0.3 | 2.20 | 29.50 | 2230 | 0.387 | 0.727 | 145 | 125 | 135 |
| 70 | 35 | 1.4 | 1.2 | 0.4 | 2.20 | 33.50 | 3020 | 0.268 | 0.524 | 175 | 150 | 165 |
| 95 | 50 | 1.6 | 1.4 | 0.4 | 2.20 | 37.50 | 3975 | 0.193 | 0.387 | 210 | 175 | 200 |
| 120 | 70 | 1.6 | 1.4 | 0.5 | 2.40 | 41.20 | 4960 | 0.153 | 0.268 | 240 | 195 | 230 |
| 150 | 70 | 1.8 | 1.4 | 0.5 | 2.40 | 43.80 | 6020 | 0.124 | 0.268 | 270 | 225 | 265 |
| 185 | 95 | 2.0 | 1.6 | 0.5 | 2.60 | 47.70 | 7420 | 0.0991 | 0.193 | 300 | 255 | 305 |
| 240 | 120 | 2.2 | 1.6 | 0.6 | 3.00 | 56.60 | 9440 | 0.0754 | 0.153 | 345 | 295 | 355 |
| 300 | 150 | 2.4 | 1.8 | 0.6 | 3.20 | 62.50 | 11670 | 0.0601 | 0.124 | 385 | 335 | 400 |



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5. Four Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 °C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------|---------------------------------------|------------------|---------|--------|
| | | | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 4* | 1.0 | 0.3 | 1.8 | 14.8 | 368 | 4.61 | 36 | 30 | 30 |
| 6* | 1.0 | 0.3 | 1.8 | 16.0 | 488 | 3.08 | 45 | 38 | 39 |
| 10 | 1.0 | 0.3 | 1.8 | 17.9 | 707 | 1.83 | 60 | 50 | 52 |
| 16 | 1.0 | 0.3 | 2.0 | 20.3 | 945 | 1.15 | 77 | 64 | 66 |
| 25 | 1.2 | 0.3 | 2.0 | 23.9 | 1418 | 0.727 | 99 | 81 | 90 |
| 35 | 1.2 | 0.3 | 2.0 | 26.0 | 1850 | 0.524 | 120 | 99 | 110 |
| 50 | 1.4 | 0.3 | 2.2 | 30.1 | 2540 | 0.387 | 145 | 125 | 135 |
| 70 | 1.4 | 0.3 | 2.2 | 33.9 | 3430 | 0.268 | 175 | 150 | 165 |
| 95 | 1.6 | 0.4 | 2.2 | 38.6 | 4450 | 0.193 | 210 | 175 | 200 |
| 120 | 1.6 | 0.5 | 2.4 | 42.5 | 5570 | 0.153 | 240 | 195 | 230 |
| 150 | 1.8 | 0.5 | 2.6 | 47.0 | 6910 | 0.124 | 270 | 225 | 265 |
| 185 | 2.0 | 0.6 | 2.8 | 52.2 | 7612 | 0.0991 | 300 | 255 | 305 |
| 240 | 2.2 | 0.6 | 3.0 | 58.9 | 10840 | 0.0754 | 345 | 295 | 355 |
| 300 | 2.4 | 0.7 | 3.2 | 65.3 | 13425 | 0.0470 | 385 | 335 | 400 |

* If required, Cables can be made with stranded conductor also.

6. Armoured Two Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | ARMOUR | | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 °C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|--|---|-----------------------------------|--------------------------|--------------------------|---------------------------------------|------------------|---------|--------|
| | | | Galvanised Round Steel Wire Nominal Diameter | Galvanised at Steel Strip Nominal Thickness | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 4* | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 14.50 | 585 | 4.61 | 41 | 35 | 35 |
| 6* | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 15.60 | 655 | 3.08 | 50 | 44 | 45 |
| 10 | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 17.10 | 824 | 1.83 | 70 | 58 | 60 |
| 16 | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 16.50 | 918 | 1.15 | 90 | 75 | 78 |
| 25 | 1.2 | 0.3 | ---- | 0.80 | 1.40 | 17.80 | 1070 | 0.727 | 115 | 97 | 105 |
| 35 | 1.2 | 0.3 | ---- | 0.80 | 1.40 | 19.30 | 1333 | 0.524 | 140 | 120 | 125 |
| 50 | 1.4 | 0.3 | ---- | 0.80 | 1.40 | 22.00 | 1660 | 0.387 | 165 | 145 | 155 |
| 70 | 1.4 | 0.3 | ---- | 0.80 | 1.40 | 24.00 | 2121 | 0.268 | 205 | 180 | 195 |
| 95 | 1.6 | 0.4 | ---- | 0.80 | 1.40 | 27.00 | 2770 | 0.193 | 240 | 215 | 230 |
| 120 | 1.6 | 0.4 | ---- | 0.80 | 1.56 | 29.00 | 3320 | 0.153 | 275 | 235 | 265 |
| 150 | 1.8 | 0.4 | ---- | 0.80 | 1.56 | 32.40 | 3996 | 0.124 | 310 | 270 | 305 |
| 185 | 2.0 | 0.4 | ---- | 0.80 | 1.56 | 35.60 | 4930 | 0.0991 | 350 | 300 | 350 |
| 240 | 2.2 | 0.5 | ---- | 0.80 | 1.72 | 39.60 | 6170 | 0.0754 | 405 | 345 | 410 |
| 300 | 2.4 | 0.5 | ---- | 0.80 | 1.88 | 43.70 | 7562 | 0.0601 | 450 | 385 | 465 |

* If required, Cables can be made with stranded conductor also.



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7. Armoured Three Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | ARMOUR | | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20°C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|--|---|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|---------|--------|
| | | | Galvanised Round Steel Wire Nominal Diameter | Galvanised Flat Steel Strip Nominal Thickness | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 4* | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 15.2 | 660 | 4.61 | 36 | 30 | 30 |
| 6* | 1.0 | 0.3 | 1.40 | ---- | 1.24 | 16.4 | 740 | 3.08 | 45 | 38 | 39 |
| 10 | 1.0 | 0.3 | 1.40 | ---- | 1.40 | 18.2 | 970 | 1.83 | 60 | 50 | 52 |
| 16 | 1.0 | 0.3 | ---- | 0.80 | 1.40 | 17.8 | 1080 | 1.15 | 77 | 64 | 66 |
| 25 | 1.2 | 0.3 | ---- | 0.80 | 1.40 | 20.8 | 1390 | 0.727 | 99 | 81 | 90 |
| 35 | 1.2 | 0.3 | ---- | 0.80 | 1.40 | 22.8 | 1700 | 0.524 | 120 | 99 | 110 |
| 50 | 1.4 | 0.3 | ---- | 0.80 | 1.40 | 26.0 | 2250 | 0.387 | 145 | 125 | 135 |
| 70 | 1.4 | 0.3 | ---- | 0.80 | 1.56 | 29.2 | 3000 | 0.268 | 175 | 150 | 165 |
| 95 | 1.6 | 0.4 | ---- | 0.80 | 1.56 | 33.2 | 3900 | 0.193 | 210 | 175 | 200 |
| 120 | 1.6 | 0.5 | ---- | 0.80 | 1.56 | 35.7 | 4700 | 0.153 | 240 | 195 | 230 |
| 150 | 1.8 | 0.5 | ---- | 0.80 | 1.72 | 39.6 | 5700 | 0.124 | 270 | 225 | 265 |
| 185 | 2.0 | 0.6 | ---- | 0.80 | 1.72 | 43.5 | 6900 | 0.0991 | 300 | 255 | 305 |
| 240 | 2.2 | 0.6 | ---- | 0.80 | 1.88 | 48.7 | 8700 | 0.0754 | 345 | 295 | 355 |
| 300 | 2.4 | 0.6 | ---- | 0.80 | 2.04 | 54.0 | 10700 | 0.0601 | 385 | 335 | 400 |

* If required, Cables can be made with stranded conductor also.

8. Armoured Three and a Half Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | | Nominal Thickness of Insulation | | Minimum Thickness of Inner Sheath | ARMOUR | Minimum Thickness of Outer Sheath | Approx Overall Diameter | Approx Weight of Cables | Max. DC Conductor Resistance at 20°C | | Current Ratings | | |
|------------------------------|---------|---------------------------------|---------|-----------------------------------|--------|-----------------------------------|-------------------------|-------------------------|--------------------------------------|---------|------------------|----------|--------|
| Main | Neutral | Main | Neutral | | | | | | Main | Neutral | Direct in Ground | In Ducts | In Air |
| Sq. mm. | Sq. mm. | mm | mm | mm | mm | mm | mm | kg/km | Ohm/km | Ohm/km | Amps | Amps | Amps |
| 25 | 16 | 1.2 | 1.0 | 0.3 | 0.8 | 1.4 | 23.0 | 1610 | 0.727 | 1.150 | 99 | 81 | 90 |
| 35 | 16 | 1.2 | 1.0 | 0.3 | 0.8 | 1.4 | 25.3 | 1970 | 0.524 | 1.150 | 120 | 99 | 110 |
| 50 | 25 | 1.4 | 1.2 | 0.3 | 0.8 | 1.56 | 29.5 | 2680 | 0.387 | 0.727 | 145 | 125 | 135 |
| 70 | 35 | 1.4 | 1.2 | 0.4 | 0.8 | 1.56 | 32.8 | 3520 | 0.268 | 0.524 | 175 | 150 | 165 |
| 95 | 50 | 1.6 | 1.4 | 0.4 | 0.8 | 1.56 | 37.2 | 4425 | 0.193 | 0.387 | 210 | 175 | 200 |
| 120 | 70 | 1.6 | 1.4 | 0.5 | 0.8 | 1.72 | 40.5 | 5540 | 0.153 | 0.268 | 240 | 195 | 230 |
| 150 | 70 | 1.8 | 1.4 | 0.5 | 0.8 | 1.88 | 45.0 | 6570 | 0.124 | 0.268 | 270 | 225 | 265 |
| 185 | 95 | 2.0 | 1.6 | 0.5 | 0.8 | 2.04 | 49.5 | 8020 | 0.0991 | 0.193 | 300 | 255 | 305 |
| 240 | 120 | 2.2 | 1.6 | 0.6 | 0.8 | 2.20 | 55.6 | 10200 | 0.0754 | 0.153 | 345 | 295 | 355 |
| 300 | 150 | 2.4 | 1.8 | 0.6 | 0.8 | 2.36 | 61.5 | 12500 | 0.0601 | 0.124 | 385 | 335 | 400 |



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9. Armoured Four Cores Copper Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | ARMOUR | | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20°C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|--|---|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|---------|--------|
| | | | Galvanised Round Steel Wire Nominal Diameter | Galvanised Flat Steel Strip Nominal Thickness | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 4* | 1.0 | 0.3 | 1.40 | ----- | 1.24 | 16.3 | 749 | 4.61 | 36 | 30 | 30 |
| 6* | 1.0 | 0.3 | 1.40 | ----- | 1.24 | 17.6 | 878 | 3.08 | 45 | 38 | 39 |
| 10 | 1.0 | 0.3 | ----- | 0.80 | 1.40 | 18.4 | 1050 | 1.83 | 60 | 50 | 52 |
| 16 | 1.0 | 0.3 | ----- | 0.80 | 1.40 | 20.8 | 1275 | 1.15 | 77 | 64 | 60 |
| 25 | 1.2 | 0.3 | ----- | 0.80 | 1.40 | 24.5 | 1748 | 0.727 | 99 | 81 | 90 |
| 35 | 1.2 | 0.3 | ----- | 0.80 | 1.40 | 27.0 | 2350 | 0.524 | 120 | 99 | 110 |
| 50 | 1.4 | 0.3 | ----- | 0.80 | 1.56 | 31.8 | 3040 | 0.387 | 145 | 125 | 135 |
| 70 | 1.4 | 0.3 | ----- | 0.80 | 1.56 | 35.4 | 3930 | 0.268 | 175 | 150 | 165 |
| 95 | 1.6 | 0.4 | ----- | 0.80 | 1.72 | 40.0 | 5050 | 0.193 | 210 | 175 | 200 |
| 120 | 1.6 | 0.5 | ----- | 0.80 | 1.88 | 44.0 | 6240 | 0.153 | 240 | 195 | 230 |
| 150 | 1.8 | 0.5 | ----- | 0.80 | 1.88 | 48.5 | 7363 | 0.124 | 270 | 225 | 265 |
| 185 | 2.0 | 0.6 | ----- | 0.80 | 2.04 | 53.9 | 8122 | 0.0991 | 300 | 255 | 305 |
| 240 | 2.2 | 0.6 | ----- | 0.80 | 2.36 | 60.6 | 11424 | 0.0754 | 345 | 295 | 355 |
| 300 | 2.4 | 0.7 | ----- | 0.80 | 2.52 | 2.52 | 16680 | 0.0470 | 385 | 335 | 400 |

* If required, Cables can be made with stranded conductor also.



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10. Single Core Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 C | Current Ratings | | | | | |
|------------------------------|---------------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|--------------|----------------|----------------|----------------|----------------|
| | | | | | | Direct in ground | | Direct in Duct | | Direct in Air | |
| | | | | | | 2 Cables Amps. | Cables Amps. | 2 Cables Amps. | 3 Cables Amps. | 2 Cables Amps. | 3 Cables Amps. |
| Sq. mm | mm | mm | mm | mm | Ohm/Km | | | | | | |
| 1.5* | 0.8 | 1.8 | 6.70 | 55 | 18.10 | 21 | 17 | 19 | 17 | 18 | 15 |
| 2.5* | 0.9 | 1.8 | 7.40 | 65 | 12.10 | 28 | 24 | 25 | 24 | 25 | 21 |
| 4.0* | 1.0 | 1.8 | 8.00 | 75 | 7.41 | 36 | 31 | 33 | 30 | 32 | 27 |
| 6.0* | 1.0 | 1.8 | 8.50 | 90 | 4.61 | 44 | 39 | 42 | 37 | 41 | 35 |
| 10.0* | 1.0 | 1.8 | 9.30 | 105 | 3.08 | 54 | 51 | 56 | 51 | 56 | 47 |
| 16.0 | 1.0 | 1.8 | 10.80 | 140 | 1.91 | 75 | 66 | 71 | 65 | 72 | 64 |
| 25.0 | 1.2 | 1.8 | 12.50 | 190 | 1.20 | 97 | 86 | 93 | 84 | 99 | 84 |
| 35.0 | 1.2 | 1.8 | 13.70 | 225 | 0.868 | 120 | 100 | 110 | 100 | 120 | 105 |
| 50.0 | 1.4 | 1.8 | 15.80 | 300 | 0.641 | 145 | 120 | 130 | 115 | 150 | 130 |
| 70.0 | 1.4 | 1.8 | 17.80 | 400 | 0.443 | 170 | 140 | 155 | 135 | 185 | 155 |
| 95.0 | 1.6 | 2.0 | 19.70 | 500 | 0.320 | 205 | 175 | 180 | 155 | 215 | 190 |
| 120.0 | 1.6 | 2.0 | 21.80 | 560 | 0.253 | 230 | 195 | 200 | 170 | 240 | 220 |
| 150.0 | 1.8 | 2.0 | 23.40 | 665 | 0.206 | 265 | 220 | 220 | 190 | 270 | 250 |
| 185.0 | 2.0 | 2.0 | 25.50 | 855 | 0.164 | 300 | 240 | 240 | 210 | 305 | 290 |
| 240.0 | 2.2 | 2.0 | 28.60 | 1070 | 0.125 | 335 | 270 | 270 | 225 | 350 | 335 |
| 300.0 | 2.4 | 2.2 | 32.00 | 1345 | 0.100 | 370 | 295 | 295 | 245 | 395 | 380 |
| 400.0 | 2.6 | 2.2 | 36.50 | 1710 | 0.0778 | 410 | 325 | 335 | 275 | 455 | 435 |
| 500.0 | 3.0 | 2.4 | 40.20 | 2150 | 0.0605 | 435 | 355 | 355 | 295 | 490 | 480 |
| 630.0 | 3.4 | 2.4 | 43.50 | 2564 | 0.0469 | 485 | 390 | 395 | 320 | 560 | 550 |
| 800.0 | 3.4 | 2.4 | 50.00 | 3270 | 0.0367 | 525 | 440 | 420 | 380 | 650 | 640 |
| 1000.0 | 3.4 | 2.8 | 55.00 | 4060 | 0.0291 | 570 | 490 | 445 | 380 | 735 | 720 |

* If required, Cables can be made with stranded conductor also.

11. Two Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|---------|--------|
| | | | | | | | Direct in ground | In Duct | In Air |
| | | | | | | | Amps. | Amps. | Amps. |
| Sq. mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | | | |
| 1.5* | 0.8 | 0.3 | 1.8 | 10.4 | 140 | 18.10 | 18 | 16 | 16 |
| 2.5* | 0.9 | 0.3 | 1.8 | 11.6 | 200 | 12.10 | 25 | 21 | 21 |
| 4.0* | 1.0 | 0.3 | 1.8 | 13.0 | 250 | 7.41 | 32 | 27 | 27 |
| 6.0* | 1.0 | 0.3 | 1.8 | 14.0 | 300 | 4.61 | 40 | 34 | 35 |
| 10.0* | 1.0 | 0.3 | 1.8 | 15.6 | 350 | 3.08 | 55 | 45 | 47 |
| 16.0 | 1.0 | 0.3 | 1.8 | 16.5 | 370 | 1.91 | 70 | 58 | 59 |
| 25.0 | 1.2 | 0.3 | 2.0 | 19.4 | 480 | 1.20 | 90 | 76 | 78 |
| 35.0 | 1.2 | 0.3 | 2.0 | 21.0 | 600 | 0.868 | 110 | 92 | 99 |
| 50.0 | 1.4 | 0.3 | 2.0 | 23.7 | 750 | 0.641 | 135 | 115 | 125 |
| 70.0 | 1.4 | 0.3 | 2.2 | 26.3 | 900 | 0.443 | 160 | 140 | 150 |
| 95.0 | 1.6 | 0.4 | 2.2 | 30.4 | 1200 | 0.320 | 190 | 170 | 185 |
| 120.0 | 1.6 | 0.4 | 2.2 | 32.8 | 1500 | 0.253 | 210 | 190 | 210 |
| 150.0 | 1.8 | 0.4 | 2.2 | 35.8 | 1620 | 0.206 | 240 | 210 | 240 |
| 185.0 | 2.0 | 0.4 | 2.4 | 39.3 | 2040 | 0.164 | 275 | 240 | 275 |
| 240.0 | 2.2 | 0.5 | 2.4 | 44.5 | 2500 | 0.125 | 320 | 275 | 325 |
| 300.0 | 2.4 | 0.5 | 2.6 | 49.1 | 3100 | 0.100 | 355 | 305 | 365 |
| 400.0 | 2.6 | 0.6 | 2.8 | 54.8 | 3900 | 0.0778 | 385 | 345 | 420 |

* If required, Cables can be made with stranded conductor also.



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12. Three Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|---------|--------|
| | | | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 1.5* | 0.8 | 0.3 | 1.8 | 10.9 | 160 | 18.10 | 16 | 14 | 13 |
| 2.5* | 0.9 | 0.3 | 1.8 | 12.2 | 221 | 12.10 | 21 | 18 | 18 |
| 4.0* | 1.0 | 0.3 | 1.8 | 13.7 | 320 | 7.41 | 28 | 23 | 23 |
| 6.0* | 1.0 | 0.3 | 1.8 | 14.8 | 400 | 4.61 | 35 | 30 | 30 |
| 10.0* | 1.0 | 0.3 | 1.8 | 16.5 | 420 | 3.08 | 46 | 39 | 40 |
| 16.0 | 1.0 | 0.3 | 1.8 | 17.8 | 440 | 1.91 | 60 | 50 | 51 |
| 25.0 | 1.2 | 0.3 | 2.0 | 21.2 | 630 | 1.20 | 76 | 63 | 70 |
| 35.0 | 1.2 | 0.3 | 2.0 | 23.1 | 710 | 0.868 | 92 | 77 | 86 |
| 50.0 | 1.4 | 0.3 | 2.0 | 26.1 | 900 | 0.641 | 110 | 95 | 105 |
| 70.0 | 1.4 | 0.3 | 2.2 | 29.7 | 1200 | 0.443 | 135 | 115 | 130 |
| 95.0 | 1.6 | 0.4 | 2.2 | 33.7 | 1650 | 0.320 | 165 | 140 | 155 |
| 120.0 | 1.6 | 0.4 | 2.2 | 36.7 | 1950 | 0.253 | 185 | 155 | 180 |
| 150.0 | 1.8 | 0.4 | 2.4 | 40.6 | 2400 | 0.206 | 210 | 175 | 205 |
| 185.0 | 2.0 | 0.5 | 2.4 | 44.9 | 2750 | 0.164 | 235 | 200 | 240 |
| 240.0 | 2.2 | 0.5 | 2.8 | 51.0 | 3500 | 0.125 | 275 | 235 | 280 |
| 300.0 | 2.4 | 0.6 | 3.0 | 56.5 | 4350 | 0.100 | 305 | 260 | 315 |
| 400.0 | 2.6 | 0.7 | 3.2 | 63.1 | 5500 | 0.0778 | 335 | 290 | 375 |

* If required, Cables can be made with stranded conductor also.

13. Three and a Half Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | | Nominal Thickness of Insulation | | Nominal Thickness of Inner Sheath | Nominal Thickness of Outer Sheath | Approx Overall Diameter | Approx Weight of Cables | Max. DC Conductor Resistance at 20°C | | Current Ratings | | |
|------------------------------|---------|---------------------------------|---------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|--------------------------------------|---------|------------------|----------|--------|
| Main | Neutral | Main | Neutral | | | | | Main | Neutral | Direct in Ground | In Ducts | In Air |
| Sq. mm. | Sq. mm | mm | mm | mm | mm | mm | kg/km | Ohm/km | Ohm/km | Amps | Amps | Amps |
| 25 | 16 | 1.2 | 1.0 | 0.3 | 2.00 | 23.90 | 750 | 1.200 | 1.91 | 76 | 63 | 70 |
| 35 | 16 | 1.2 | 1.0 | 0.3 | 2.00 | 26.20 | 850 | 0.868 | 1.91 | 92 | 77 | 86 |
| 50 | 25 | 1.4 | 1.2 | 0.3 | 2.20 | 29.50 | 1150 | 0.641 | 1.20 | 110 | 95 | 105 |
| 70 | 35 | 1.4 | 1.2 | 0.4 | 2.20 | 33.50 | 1500 | 0.443 | 0.868 | 135 | 115 | 130 |
| 95 | 50 | 1.6 | 1.4 | 0.4 | 2.20 | 37.20 | 1900 | 0.320 | 0.641 | 165 | 140 | 155 |
| 120 | 70 | 1.6 | 1.4 | 0.5 | 2.40 | 41.20 | 2300 | 0.253 | 0.443 | 185 | 155 | 180 |
| 150 | 70 | 1.8 | 1.4 | 0.5 | 2.40 | 43.80 | 2800 | 0.206 | 0.443 | 210 | 175 | 205 |
| 185 | 95 | 2.0 | 1.6 | 0.5 | 2.60 | 47.70 | 3400 | 0.164 | 0.320 | 235 | 200 | 240 |
| 240 | 120 | 2.2 | 1.6 | 0.6 | 3.00 | 56.60 | 4244 | 0.125 | 0.253 | 275 | 235 | 280 |
| 300 | 150 | 2.4 | 1.8 | 0.6 | 3.20 | 62.50 | 5176 | 0.100 | 0.206 | 305 | 260 | 315 |
| 400 | 185 | 2.6 | 2.0 | 0.7 | 3.40 | 69.80 | 6700 | 0.0778 | 0.164 | 335 | 290 | 375 |



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14. Four Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area Sq. mm | Nominal Thickness of Insulation mm | Minimum Thickness of Inner Sheath mm | Nominal Thickness of Outer Sheath mm | Approx. Overall Diameter mm | Approx. Weight of Cables Kg./Km | Max. DC Conductor Resistance AT 20 °C Ohm/Km | Current Ratings | | |
|--|---------------------------------------|---|---|--------------------------------|------------------------------------|---|---------------------------|------------------|-----------------|
| | | | | | | | Direct in ground Amps. | In Duct Amps. | In Air Amps. |
| 1.5* | 0.8 | 0.3 | 1.8 | 11.7 | 180 | 18.10 | 16 | 14 | 13 |
| 2.5* | 0.9 | 0.3 | 1.8 | 13.1 | 225 | 12.10 | 21 | 18 | 18 |
| 4* | 1.0 | 0.3 | 1.8 | 14.8 | 269 | 7.41 | 28 | 23 | 23 |
| 6* | 1.0 | 0.3 | 1.8 | 16.0 | 340 | 4.61 | 35 | 30 | 30 |
| 10* | 1.0 | 0.3 | 1.8 | 17.9 | 460 | 3.08 | 46 | 39 | 40 |
| 16 | 1.0 | 0.3 | 2.0 | 20.3 | 550 | 1.91 | 60 | 50 | 51 |
| 25 | 1.2 | 0.3 | 2.0 | 23.9 | 800 | 1.20 | 76 | 63 | 70 |
| 35 | 1.2 | 0.3 | 2.0 | 26.0 | 980 | 0.868 | 92 | 77 | 86 |
| 50 | 1.4 | 0.3 | 2.2 | 30.1 | 1300 | 0.641 | 110 | 95 | 105 |
| 70 | 1.4 | 0.4 | 2.2 | 33.9 | 1700 | 0.443 | 135 | 115 | 130 |
| 95 | 1.6 | 0.4 | 2.2 | 38.6 | 2100 | 0.320 | 165 | 140 | 155 |
| 120 | 1.6 | 0.5 | 2.4 | 42.5 | 2600 | 0.253 | 185 | 155 | 180 |
| 150 | 1.8 | 0.5 | 2.6 | 47.0 | 3200 | 0.206 | 210 | 175 | 205 |
| 185 | 2.0 | 0.6 | 2.8 | 52.2 | 3900 | 0.164 | 235 | 200 | 240 |
| 240 | 2.2 | 0.6 | 3.0 | 58.9 | 4900 | 0.125 | 275 | 235 | 280 |
| 300 | 2.4 | 0.7 | 3.2 | 65.3 | 6000 | 0.100 | 305 | 260 | 315 |
| 400 | 2.6 | 0.7 | 3.6 | 72.9 | 8000 | 0.0778 | 335 | 290 | 375 |

* If required, Cables can be made with stranded conductor also.

15. Armoured Two Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area Sq. mm | Nominal Thickness of Insulation mm | Minimum Thickness of Inner Sheath mm | ARMOUR | | Minimum Thickness of Outer Sheath mm | Approx. Overall Diameter mm | Approx. Weight of Cables Kg/Km | Max. DC Conductor Resistance AT 20° C Ohm/Km | Current Ratings | | |
|--|---------------------------------------|---|---|---|---|--------------------------------|-----------------------------------|---|---------------------------|------------------|-----------------|
| | | | Galvanised Rond Steel Wire Nominal Diameter mm | Galvanised Flat Steel Strip Nominal Thickness mm | | | | | Direct in ground Amps. | In Duct Amps. | In Air Amps. |
| 1.5* | 0.8 | 0.3 | 1.4 | -- | 1.24 | 12.00 | 400 | 18.10 | 18 | 16 | 16 |
| 2.5* | 0.9 | 0.3 | 1.4 | -- | 1.24 | 13.50 | 425 | 12.10 | 25 | 21 | 21 |
| 4.0* | 1.0 | 0.3 | 1.4 | -- | 1.24 | 14.50 | 535 | 7.41 | 32 | 27 | 27 |
| 6.0* | 1.0 | 0.3 | 1.4 | -- | 1.24 | 15.60 | 580 | 4.61 | 40 | 34 | 35 |
| 10.0* | 1.0 | 0.3 | 1.4 | -- | 1.24 | 17.10 | 700 | 3.08 | 55 | 45 | 47 |
| 16.0 | 1.0 | 0.3 | 1.4 | -- | 1.24 | 16.50 | 720 | 1.91 | 70 | 58 | 59 |
| 25.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 17.80 | 760 | 1.20 | 90 | 76 | 78 |
| 35.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 19.30 | 900 | 0.868 | 110 | 92 | 99 |
| 50.0 | 1.4 | 0.3 | -- | 0.8 | 1.40 | 22.00 | 1040 | 0.641 | 135 | 115 | 125 |
| 70.0 | 1.4 | 0.3 | -- | 0.8 | 1.40 | 24.00 | 1255 | 0.443 | 160 | 140 | 150 |
| 95.0 | 1.6 | 0.4 | -- | 0.8 | 1.40 | 27.00 | 1595 | 0.320 | 190 | 170 | 185 |
| 120.0 | 1.6 | 0.4 | -- | 0.8 | 1.56 | 29.00 | 1835 | 0.253 | 210 | 190 | 210 |
| 150.0 | 1.8 | 0.4 | -- | 0.8 | 1.56 | 32.40 | 2140 | 0.206 | 240 | 210 | 240 |
| 185.0 | 2.0 | 0.4 | -- | 0.8 | 1.56 | 35.60 | 2640 | 0.164 | 275 | 240 | 275 |
| 240.0 | 2.2 | 0.4 | -- | 0.8 | 1.72 | 39.60 | 3200 | 0.125 | 320 | 275 | 325 |
| 300.0 | 2.4 | 0.5 | -- | 0.8 | 1.88 | 43.70 | 3850 | 0.100 | 355 | 305 | 365 |
| 400.0 | 2.6 | 0.5 | -- | 0.8 | 2.00 | 49.00 | 4700 | 0.0778 | 385 | 345 | 420 |

* If required, Cables can be made with stranded conductor also.



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16. Armoured Three Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | ARMOUR | | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 °C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|---|---|-----------------------------------|--------------------------|--------------------------|---------------------------------------|------------------|---------|--------|
| | | | Galvanised Rond Steel Wire Nominal Diameter | Galvanised Flat Steel Strip Nominal Thickness | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 1.5 | 0.8 | 0.3 | 1.4 | -- | 1.24 | 12.5 | 440 | 18.10 | 16 | 14 | 13 |
| 2.5 | 0.9 | 0.3 | 1.4 | -- | 1.24 | 13.5 | 500 | 12.10 | 21 | 18 | 18 |
| 4.0 | 1.0 | 0.3 | 1.4 | -- | 1.24 | 15.2 | 580 | 7.41 | 28 | 23 | 23 |
| 6.0 | 1.0 | 0.3 | 1.4 | -- | 1.24 | 16.4 | 620 | 4.61 | 35 | 30 | 30 |
| 10.0 | 1.0 | 0.3 | 1.4 | -- | 1.40 | 18.2 | 750 | 3.08 | 6 | 39 | 40 |
| 16.0 | 1.0 | 0.3 | 1.4 | 0.8 | 1.40 | 17.8 | 780 | 1.91 | 60 | 50 | 51 |
| 25.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 20.8 | 920 | 1.20 | 76 | 63 | 70 |
| 35.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 22.8 | 1050 | 0.868 | 92 | 77 | 86 |
| 50.0 | 1.4 | 0.3 | -- | 0.8 | 1.40 | 26.0 | 1300 | 0.641 | 110 | 95 | 105 |
| 70.0 | 1.4 | 0.3 | -- | 0.8 | 1.56 | 29.2 | 1700 | 0.443 | 135 | 115 | 130 |
| 95.0 | 1.6 | 0.4 | -- | 0.8 | 1.56 | 33.2 | 2100 | 0.320 | 165 | 140 | 155 |
| 120.0 | 1.6 | 0.4 | -- | 0.8 | 1.56 | 35.7 | 2500 | 0.253 | 185 | 155 | 180 |
| 150.0 | 1.8 | 0.4 | -- | 0.8 | 1.72 | 39.6 | 2900 | 0.206 | 210 | 175 | 210 |
| 185.0 | 2.0 | 0.5 | -- | 0.8 | 1.88 | 43.5 | 3450 | 0.164 | 235 | 200 | 240 |
| 240.0 | 2.2 | 0.5 | -- | 0.8 | 1.88 | 48.7 | 4250 | 0.125 | 275 | 235 | 280 |
| 300.0 | 2.4 | 0.6 | -- | 0.8 | 2.04 | 54.0 | 5150 | 0.100 | 305 | 260 | 315 |
| 400.0 | 2.6 | 0.6 | -- | 0.8 | 2.36 | 61.0 | 6600 | 0.0778 | 335 | 290 | 375 |

* If required, Cables can be made with stranded conductor also.

17. Armoured Three and a Half Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | | Nominal Thickness of Insulation | | Minimum Thickness of Inner Sheath | ARMOUR Galvanised Flat Steel Strip Nominal Thickness | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20 °C | | Current Ratings | | |
|------------------------------|---------|---------------------------------|---------|-----------------------------------|---|-----------------------------------|--------------------------|--------------------------|---------------------------------------|---------|------------------|---------|--------|
| Main | Neutral | Main | Neutral | | | | | | Main | Neutral | Direct in ground | In Duct | In Air |
| Sq. mm. | Sq. mm. | Sq. mm. | Sq. mm. | mm | mm | mm | mm | Kg./Km | Ohm/Km | Ohm/Km | Amps. | Amps. | Amps. |
| 25.0 | 16 | 1.2 | 1.0 | 0.3 | 0.8 | 1.4 | 23.0 | 1050 | 1.200 | 1.91 | 76 | 63 | 70 |
| 35.0 | 16 | 1.2 | 1.0 | 0.3 | 0.8 | 1.4 | 25.3 | 1220 | 0.868 | 1.91 | 92 | 77 | 86 |
| 50.0 | 25 | 1.4 | 1.2 | 0.3 | 0.8 | 1.56 | 29.5 | 1600 | 0.641 | 1.20 | 100 | 95 | 105 |
| 70.0 | 35 | 1.4 | 1.2 | 0.4 | 0.8 | 1.56 | 32.8 | 2000 | 0.443 | .868 | 135 | 115 | 130 |
| 95.0 | 50 | 1.6 | 1.4 | 0.4 | 0.8 | 1.56 | 37.2 | 2350 | 0.320 | 0.641 | 165 | 10 | 155 |
| 120.0 | 70 | 1.6 | 1.4 | 0.4 | 0.8 | 1.72 | 40.5 | 2900 | 0.253 | 0.443 | 185 | 155 | 180 |
| 150.0 | 70 | 1.8 | 1.4 | 0.5 | 0.8 | 1.88 | 45.0 | 3350 | 0.206 | 0.443 | 210 | 175 | 205 |
| 185.0 | 95 | 2.0 | 1.6 | 0.5 | 0.8 | 2.04 | 49.5 | 4000 | 0.164 | 0.320 | 235 | 200 | 240 |
| 240.0 | 120 | 2.2 | 1.6 | 0.6 | 0.8 | 2.20 | 55.6 | 5100 | 0.125 | 0.253 | 275 | 235 | 280 |
| 300.0 | 150 | 2.4 | 1.8 | 0.6 | 0.8 | 2.36 | 61.5 | 6060 | 0.100 | 0.206 | 305 | 260 | 315 |
| 400.0 | 185 | 2.6 | 2.0 | 0.7 | 0.8 | 2.52 | 69.5 | 7900 | 0.0778 | 0.164 | 335 | 290 | 375 |



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18. Armoured Four Cores Aluminum Conductor PVC Insulation PVC sheath 0.6/1KV

| Nominal Cross Sectional Area | Nominal Thickness of Insulation | Minimum Thickness of Inner Sheath | ARMOUR | | Minimum Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Weight of Cables | Max. DC Conductor Resistance AT 20°C | Current Ratings | | |
|------------------------------|---------------------------------|-----------------------------------|---|---|-----------------------------------|--------------------------|--------------------------|--------------------------------------|------------------|---------|--------|
| | | | Galvanised Rond Steel Wire Nominal Diameter | Galvanised Flat Steel Strip Nominal Thickness | | | | | Direct in ground | In Duct | In Air |
| Sq. mm | mm | mm | mm | mm | mm | mm | Kg./Km | Ohm/Km | Amps. | Amps. | Amps. |
| 1.5 | 0.8 | 0.3 | 1.4 | -- | 1.24 | 13.3 | 478 | 18.10 | 16 | 14 | 13 |
| 2.5 | 0.9 | 0.3 | 1.4 | -- | 1.24 | 14.7 | 568 | 12.10 | 21 | 18 | 18 |
| 4.0 | 1.0 | 0.3 | 1.4 | -- | 1.24 | 16.3 | 650 | 7.41 | 28 | 23 | 23 |
| 6.0 | 1.0 | 0.3 | 1.4 | -- | 1.24 | 17.6 | 730 | 4.61 | 35 | 30 | 30 |
| 10.0 | 1.0 | 0.3 | -- | 0.8 | 1.40 | 18.4 | 750 | 3.08 | 46 | 39 | 40 |
| 16.0 | 1.0 | 0.3 | -- | 0.8 | 1.40 | 20.8 | 880 | 1.91 | 60 | 50 | 51 |
| 25.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 24.5 | 1130 | 1.20 | 76 | 63 | 70 |
| 35.0 | 1.2 | 0.3 | -- | 0.8 | 1.40 | 27.0 | 1480 | 0.868 | 92 | 77 | 86 |
| 50.0 | 1.4 | 0.4 | -- | 0.8 | 1.56 | 31.8 | 1800 | 0.641 | 110 | 95 | 105 |
| 70.0 | 1.4 | 0.4 | -- | 0.8 | 1.56 | 35.4 | 2200 | 0.443 | 135 | 115 | 130 |
| 95.0 | 1.6 | 0.4 | -- | 0.8 | 1.72 | 40.0 | 2700 | 0.320 | 165 | 140 | 155 |
| 120.0 | 1.6 | 0.5 | -- | 0.8 | 1.88 | 44.0 | 3070 | 0.253 | 185 | 155 | 180 |
| 150.0 | 1.8 | 0.5 | -- | 0.8 | 1.88 | 48.5 | 3653 | 0.206 | 210 | 175 | 210 |
| 185.0 | 2.0 | 0.6 | -- | 0.8 | 2.04 | 53.9 | 4410 | 0.164 | 235 | 200 | 240 |
| 240.0 | 2.2 | 0.6 | -- | 0.8 | 2.36 | 60.6 | 5484 | 0.125 | 275 | 235 | 280 |
| 300.0 | 2.4 | 0.7 | -- | 0.8 | 2.52 | 64.0 | 6780 | 0.100 | 305 | 260 | 315 |
| 400.0 | 2.6 | 0.7 | -- | 0.8 | 2.68 | 72.0 | 8340 | 0.0778 | 335 | 290 | 375 |