

XLPE Insulated & PVC/LSHF Sheathed Cables to BS 5467/BS 6724

(1) 600/1000V, Multi-Core XLPE Insulated and PVC Sheathed to BS 5467 or LSHF Sheathed to BS 6724

| No. of Core | Size of Conductor | Nominal Thickness of Insulation | Unarmoured Cable (IEC60502) | | | Steel Wire Armoured (SWA) Cable (BS 5467/BS 6724) | | | | |
|-------------|-------------------|---------------------------------|-----------------------------|--------------------------|----------------|---|-----------------------------|-----------------------------|--------------------------|----------------|
| | | | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight | Nominal Thickness of Bedding | Nominal Dia. of Armour Wire | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight |
| No. | mm ² | mm | mm | mm | kg/km | mm | mm | mm | mm | kg/km |
| 2 | 1.5 | 0.7 | 1.8 | 10.0 | 125 | 0.8 | 0.9 | 1.3 | 12.2 | 320 |
| | 2.5 | 0.7 | 1.8 | 11.0 | 155 | 0.8 | 0.9 | 1.4 | 13.5 | 365 |
| | 4 | 0.7 | 1.8 | 12.0 | 195 | 0.8 | 0.9 | 1.4 | 14.8 | 440 |
| | 6 | 0.7 | 1.8 | 13.0 | 255 | 0.8 | 0.9 | 1.4 | 15.5 | 470 |
| | 10 | 0.7 | 1.8 | 15.5 | 370 | 0.8 | 0.9 | 1.5 | 17.8 | 800 |
| | 16 | 0.7 | 1.9 | 17.0 | 500 | 0.8 | 1.25 | 1.5 | 20.2 | 905 |
| | 25 | 0.9 | 1.8 | 19.5 | 700 | 0.8 | 1.25 | 1.6 | 22.5 | 1005 |
| | 35 | 0.9 | 1.8 | 20.0 | 900 | 1.0 | 1.6 | 1.7 | 23.8 | 1405 |
| | 50 | 1.0 | 1.8 | 21.0 | 1250 | 1.0 | 1.6 | 1.8 | 25.8 | 1755 |
| | 70 | 1.1 | 1.8 | 23.5 | 1600 | 1.0 | 1.6 | 1.9 | 29.0 | 2305 |
| | 95 | 1.1 | 1.9 | 26.5 | 2250 | 1.2 | 2.0 | 2.0 | 33.2 | 3105 |
| | 120 | 1.2 | 2.0 | 29.5 | 2750 | 1.2 | 2.0 | 2.1 | 36.1 | 3705 |
| | 150 | 1.4 | 2.2 | 33.0 | 3510 | 1.2 | 2.0 | 2.2 | 39.3 | 4405 |
| | 185 | 1.6 | 2.3 | 36.5 | 4200 | 1.4 | 2.5 | 2.4 | 44.7 | 5705 |
| | 240 | 1.7 | 2.5 | 46.0 | 5500 | 1.4 | 2.5 | 2.5 | 49.0 | 7105 |
| | 300 | 1.8 | 2.6 | 50.0 | 6950 | 1.6 | 2.5 | 2.6 | 53.5 | 8505 |
| 400 | 2.0 | 2.9 | 54.0 | 8400 | 1.6 | 2.5 | 2.8 | 59.2 | 10705 | |
| 3 | 1.5 | 0.7 | 1.8 | 10.5 | 150 | 0.8 | 0.9 | 1.3 | 13.0 | 340 |
| | 2.5 | 0.7 | 1.8 | 11.0 | 190 | 0.8 | 0.9 | 1.4 | 14.5 | 408 |
| | 4 | 0.7 | 1.8 | 12.5 | 250 | 0.8 | 0.9 | 1.4 | 15.3 | 498 |
| | 6 | 0.7 | 1.8 | 14.5 | 320 | 0.8 | 0.9 | 1.4 | 16.6 | 600 |
| | 10 | 0.7 | 1.8 | 15.5 | 465 | 0.8 | 1.25 | 1.5 | 19.5 | 915 |
| | 16 | 0.7 | 1.8 | 18.5 | 670 | 0.8 | 1.25 | 1.6 | 21.3 | 1200 |
| | 25 | 0.9 | 1.8 | 19.5 | 965 | 1.0 | 1.6 | 1.7 | 26.5 | 1720 |
| | 35 | 0.9 | 1.8 | 22.0 | 1290 | 1.0 | 1.6 | 1.8 | 29.5 | 2120 |
| | 50 | 1.0 | 1.8 | 26.0 | 1750 | 1.0 | 1.6 | 1.8 | 30.5 | 2620 |
| | 70 | 1.1 | 1.9 | 28.5 | 2450 | 1.0 | 1.6 | 1.9 | 32.5 | 3025 |
| | 95 | 1.1 | 2.0 | 32.5 | 3200 | 1.2 | 2.0 | 2.1 | 37.0 | 4270 |
| | 120 | 1.2 | 2.1 | 35.5 | 4010 | 1.2 | 2.0 | 2.2 | 40.5 | 5250 |
| | 150 | 1.4 | 2.3 | 40.0 | 5050 | 1.4 | 2.5 | 2.3 | 45.5 | 6650 |
| | 185 | 1.6 | 2.4 | 44.5 | 6105 | 1.4 | 2.5 | 2.4 | 50.0 | 8000 |
| | 240 | 1.7 | 2.6 | 54.0 | 8050 | 1.4 | 2.5 | 2.6 | 55.0 | 10150 |
| | 300 | 1.8 | 2.7 | 60.5 | 9998 | 1.6 | 2.5 | 2.7 | 60.0 | 12500 |
| 400 | 2.0 | 3.0 | 66.0 | 13210 | 1.6 | 2.5 | 2.9 | 66.5 | 15050 | |
| 4 | 1.5 | 0.7 | 1.8 | 11.0 | 170 | 0.8 | 0.9 | 1.3 | 14.0 | 390 |
| | 2.5 | 0.7 | 1.8 | 12.0 | 230 | 0.8 | 0.9 | 1.4 | 15.0 | 470 |
| | 4 | 0.7 | 1.8 | 14.0 | 305 | 0.8 | 0.9 | 1.4 | 16.5 | 580 |
| | 6 | 0.7 | 1.8 | 15.5 | 400 | 0.8 | 1.25 | 1.5 | 18.5 | 805 |
| | 10 | 0.7 | 1.8 | 18.0 | 585 | 0.8 | 1.25 | 1.5 | 21.2 | 1090 |
| | 16 | 0.7 | 1.8 | 20.0 | 835 | 0.8 | 1.25 | 1.6 | 22.9 | 1450 |
| | 25 | 0.9 | 1.8 | 22.0 | 1210 | 1.0 | 1.6 | 1.7 | 29.0 | 2050 |
| | 35 | 0.9 | 1.8 | 24.5 | 1670 | 1.0 | 1.6 | 1.8 | 31.5 | 2570 |
| | 50 | 1.0 | 1.8 | 26.5 | 2250 | 1.0 | 1.6 | 1.9 | 32.5 | 2890 |
| | 70 | 1.1 | 2.0 | 32.0 | 3015 | 1.2 | 2.0 | 2.1 | 38.0 | 4250 |
| | 95 | 1.1 | 2.1 | 36.5 | 4085 | 1.2 | 2.0 | 2.2 | 41.8 | 5470 |
| | 120 | 1.2 | 2.3 | 40.5 | 5320 | 1.4 | 2.5 | 2.3 | 47.1 | 7175 |
| | 150 | 1.4 | 2.4 | 45.0 | 6510 | 1.4 | 2.5 | 2.4 | 51.5 | 8475 |
| | 185 | 1.6 | 2.6 | 51.0 | 8050 | 1.4 | 2.5 | 2.6 | 56.5 | 10350 |
| | 240 | 1.7 | 2.8 | 58.5 | 10520 | 1.6 | 2.5 | 2.7 | 63.0 | 13000 |
| | 300 | 1.8 | 3.0 | 64.5 | 13130 | 1.6 | 2.5 | 2.9 | 69.0 | 15750 |
| 400 | 2.0 | 3.3 | 73.5 | 16850 | 1.8 | 3.15 | 3.2 | 78.0 | 20500 | |

XLPE Insulated & PVC/LSHF Sheathed Cables to BS 5467/BS 6724

(2) 600/1000v, Single-Core XLPE Insulated and PVC Sheathed to BS 5467 or LSHF Sheathed to BS 6724

| Conductor Size | Nominal Thickness of Insulation | Unarmoured Cable (IEC60502) | | | Aluminium Wire-Armoured (AWA) Cable (BS 5467 or BS 6724) | | | | |
|-----------------|---------------------------------|-----------------------------|--------------------------|----------------|--|-----------------------------|-----------------------------|--------------------------|----------------|
| | | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight | Nominal Thickness of Bedding | Nominal Dia. of Armour Wire | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight |
| mm ² | mm | mm | mm | kg/km | mm | mm | mm | mm | kg/km |
| 1.5 | 0.7 | 1.4 | 6.0 | 50 | | | | | |
| 2.5 | 0.7 | 1.4 | 6.5 | 70 | | | | | |
| 4 | 0.7 | 1.4 | 7.0 | 80 | | | | | |
| 6 | 0.7 | 1.4 | 7.5 | 110 | | | | | |
| 10 | 0.7 | 1.4 | 8.5 | 150 | | | | | |
| 16 | 0.7 | 1.4 | 9.5 | 215 | | | | | |
| 25 | 0.9 | 1.4 | 11.5 | 315 | | | | | |
| 35 | 0.9 | 1.4 | 12 | 415 | | | | | |
| 50 | 1.0 | 1.4 | 13 | 555 | 0.8 | 1.25 | 1.5 | 17.5 | 700 |
| 70 | 1.1 | 1.4 | 15 | 760 | 0.8 | 1.25 | 1.5 | 20.2 | 940 |
| 95 | 1.1 | 1.5 | 17 | 1025 | 0.8 | 1.6 | 1.6 | 22.5 | 1250 |
| 120 | 1.2 | 1.5 | 18.5 | 1270 | 0.8 | 1.6 | 1.6 | 24.2 | 1500 |
| 150 | 1.4 | 1.6 | 21.5 | 1575 | 1.0 | 1.6 | 1.7 | 27.4 | 1950 |
| 185 | 1.6 | 1.6 | 23 | 1955 | 1.0 | 1.6 | 1.8 | 30.3 | 2360 |
| 240 | 1.7 | 1.7 | 26 | 2470 | 1.0 | 1.6 | 1.8 | 32.8 | 3000 |
| 300 | 1.8 | 1.8 | 28 | 3155 | 1.0 | 1.6 | 1.9 | 35.8 | 3700 |
| 400 | 2.0 | 1.9 | 32 | 4049 | 1.2 | 2.0 | 2.0 | 40.4 | 4700 |
| 500 | 2.2 | 2.0 | 36 | 5100 | 1.2 | 2.0 | 2.1 | 44.2 | 5900 |
| 630 | 2.4 | 2.2 | 40 | 6410 | 1.2 | 2.0 | 2.2 | 48.8 | 7400 |
| 800 | 2.6 | 2.3 | 47 | 8200 | 1.4 | 2.5 | 2.4 | 55.4 | 9400 |
| 1000 | 2.8 | 2.4 | 52 | 10210 | 1.4 | 2.5 | 2.5 | 60.6 | 11400 |

(3) 600/1000V, Multi-Core XLPE Insulated and PVC Sheathed to BS 5467 or LSHF Sheathed to BS 6724

| No. of Core | Size of Conductor | Nominal Thickness of Insulation | Unarmoured Cable (IEC 60502) | | | Steel Wire-Armoured (SWA) Cable (BS 5467 or BS 6724) | | | | |
|-------------|-------------------|---------------------------------|------------------------------|--------------------------|----------------|--|-----------------------------|-----------------------------|--------------------------|----------------|
| | | | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight | Nominal Thickness of Bedding | Nominal Dia. of Armour Wire | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight |
| No. | mm ² | mm | mm | mm | kg/km | mm | mm | mm | mm | kg/km |
| 7 | 1.5 | 0.7 | 1.8 | 13.0 | 250 | 0.8 | 0.9 | 1.4 | 16.0 | 500 |
| 12 | | 0.7 | 1.8 | 16.5 | 380 | 0.8 | 1.25 | 1.5 | 20.0 | 820 |
| 19 | | 0.7 | 1.8 | 20.0 | 545 | 0.8 | 1.25 | 1.6 | 23.0 | 1080 |
| 27 | | 0.7 | 1.8 | 23.0 | 735 | 1.0 | 1.6 | 1.7 | 28.0 | 1550 |
| 37 | | 0.7 | 1.8 | 25.5 | 950 | 1.0 | 1.6 | 1.7 | 30.5 | 1850 |
| 48 | 2.5 | 0.7 | 1.9 | 30.0 | 1225 | 1.0 | 1.6 | 1.8 | 34.0 | 2250 |
| 7 | | 0.7 | 1.8 | 14.5 | 325 | 0.8 | 0.9 | 1.4 | 17.0 | 730 |
| 12 | | 0.7 | 1.8 | 18.5 | 510 | 0.8 | 1.25 | 1.6 | 22.0 | 1020 |
| 19 | | 0.7 | 1.8 | 21.5 | 745 | 1.0 | 1.6 | 1.7 | 26.5 | 1530 |
| 27 | | 0.7 | 1.8 | 26.0 | 1020 | 1.0 | 1.6 | 1.8 | 30.5 | 1960 |
| 37 | 4.0 | 0.7 | 1.8 | 28.5 | 1350 | 1.0 | 1.6 | 1.8 | 33.5 | 2450 |
| 48 | | 0.7 | 1.9 | 33.5 | 1730 | 1.2 | 2.0 | 2.0 | 39.0 | 3260 |
| 7 | | 0.7 | 1.8 | 16.0 | 470 | 0.8 | 1.25 | 1.5 | 19.5 | 840 |
| 12 | | 0.7 | 1.8 | 21.0 | 745 | 1.0 | 1.6 | 1.6 | 25.5 | 1390 |
| 19 | | 0.7 | 1.8 | 24.0 | 1100 | 1.0 | 1.6 | 1.7 | 29.0 | 1850 |

XLPE Insulated & PVC/LSHF Sheathed Cables to BS 5467/BS 6724

(4) 1.9/3.3KV, Single-Core XLPE Insulated and PVC Sheathed to BS 5467 or LSHF Sheathed to BS 6724

| Size of Conductor | Nominal Thickness of Insulation | Unarmoured Cable | | | Aluminium Wire-Armoured (AWA) Cable | | | | |
|-------------------|---------------------------------|-----------------------------|--------------------------|----------------|-------------------------------------|-----------------------------|-----------------------------|--------------------------|----------------|
| | | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight | Nominal Thickness of Bedding | Nominal Dia. of Armour Wire | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight |
| mm ² | mm | mm | mm | kg/km | mm | mm | mm | mm | kg/km |
| 10 | 2.0 | 1.4 | 10.5 | 200 | 0.8 | 1.25 | 1.6 | 15.0 | 350 |
| 16 | 2.0 | 1.4 | 12.0 | 265 | 0.8 | 1.25 | 1.6 | 16.0 | 430 |
| 25 | 2.0 | 1.4 | 13.0 | 370 | 0.8 | 1.25 | 1.6 | 17.5 | 550 |
| 35 | 2.0 | 1.4 | 14.5 | 470 | 0.8 | 1.25 | 1.6 | 19.5 | 670 |
| 50 | 2.0 | 1.4 | 15.5 | 600 | 0.8 | 1.25 | 1.6 | 20.1 | 820 |
| 70 | 2.0 | 1.5 | 17.5 | 825 | 0.8 | 1.25 | 1.6 | 21.9 | 1050 |
| 95 | 2.0 | 1.5 | 19.5 | 1100 | 0.8 | 1.25 | 1.6 | 23.5 | 1320 |
| 120 | 2.0 | 1.6 | 21.5 | 1350 | 1.0 | 1.6 | 1.7 | 25.6 | 1675 |
| 150 | 2.0 | 1.6 | 23.0 | 1650 | 1.0 | 1.6 | 1.7 | 27.1 | 2050 |
| 185 | 2.0 | 1.7 | 25.0 | 2000 | 1.0 | 1.6 | 1.8 | 28.9 | 2350 |
| 240 | 2.0 | 1.8 | 27.0 | 2575 | 1.0 | 1.6 | 1.8 | 31.2 | 2925 |
| 300 | 2.0 | 1.8 | 30.0 | 3200 | 1.0 | 1.6 | 1.9 | 33.9 | 3550 |
| 400 | 2.0 | 1.9 | 33.0 | 4010 | 1.2 | 2.0 | 2.0 | 37.4 | 4275 |
| 500 | 2.2 | 2.0 | 36.0 | 5050 | 1.2 | 2.0 | 2.1 | 40.7 | 5620 |
| 630 | 2.4 | 2.2 | 41.0 | 6500 | 1.2 | 2.0 | 2.2 | 44.8 | 7020 |
| 800 | 2.6 | 2.3 | 45.5 | 8200 | 1.4 | 2.5 | 2.4 | 51.5 | 10500 |
| 1000 | 2.8 | 2.4 | 52.0 | 10300 | 1.4 | 2.5 | 2.5 | 58.5 | 12500 |

(5) 1.9/3.3KV, 3-Core XLPE Insulated and PVC Sheathed to BS 5467 or LSHF Sheathed to BS 6724

| Size of Conductor | Nominal Thickness of Insulation | Unarmoured Cable | | | Steel Wire-Armoured (SWA) Cable | | | | |
|-------------------|---------------------------------|-----------------------------|--------------------------|----------------|---------------------------------|-----------------------------|-----------------------------|--------------------------|----------------|
| | | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight | Nominal Thickness of Bedding | Nominal Dia. of Armour Wire | Nominal Thickness of Sheath | Nominal Overall Diameter | Approx. Weight |
| mm ² | mm | mm | mm | kg/km | mm | mm | mm | mm | kg/km |
| 10 | 2.0 | 1.8 | 21.5 | 450 | 1.0 | 1.6 | 1.8 | 27.0 | 675 |
| 16 | 2.0 | 1.8 | 24.0 | 650 | 1.0 | 1.6 | 1.8 | 29.0 | 875 |
| 25 | 2.0 | 1.8 | 25.0 | 950 | 1.0 | 1.6 | 1.8 | 31.5 | 1125 |
| 35 | 2.0 | 1.8 | 28.0 | 1050 | 1.0 | 1.6 | 1.9 | 34.0 | 1650 |
| 50 | 2.0 | 1.9 | 29.0 | 1450 | 1.2 | 2.0 | 2.0 | 35.5 | 2250 |
| 70 | 2.0 | 2.0 | 32.0 | 1850 | 1.2 | 2.0 | 2.1 | 38.5 | 2750 |
| 95 | 2.0 | 2.1 | 37.5 | 2550 | 1.2 | 2.0 | 2.2 | 41.5 | 3500 |
| 120 | 2.0 | 2.2 | 40.5 | 3560 | 1.4 | 2.5 | 2.3 | 45.5 | 4500 |
| 150 | 2.0 | 2.3 | 41.0 | 4050 | 1.4 | 2.5 | 2.4 | 48.5 | 5800 |
| 185 | 2.0 | 2.5 | 46.0 | 4450 | 1.4 | 2.5 | 2.5 | 51.5 | 6500 |
| 240 | 2.0 | 2.6 | 50.0 | 5550 | 1.6 | 2.5 | 2.6 | 56.5 | 7500 |
| 300 | 2.0 | 2.8 | 55.0 | 6750 | 1.6 | 2.5 | 2.7 | 60.5 | 9375 |
| 400 | 2.0 | 3.0 | 60.5 | 8050 | 1.6 | 2.5 | 2.9 | 65.5 | 10700 |