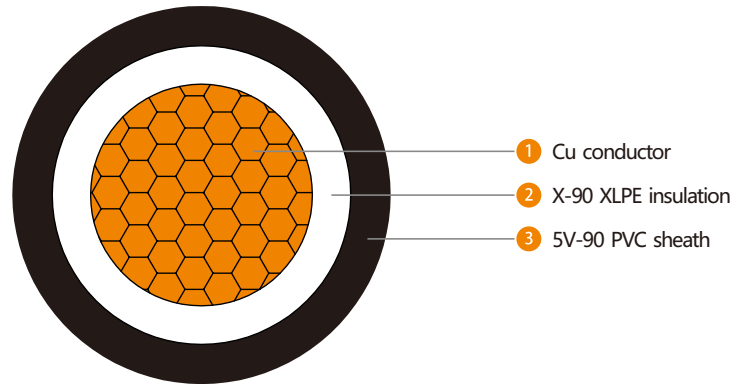


XLPE/PVC SDI (Cu)



Properties:

| | |
|---|---------------|
| Rated voltage | 0.6/1kV |
| Max. operating temperature of conductor: | 90°C |
| Max. short-circuit operation temperature of conductor (5s Max. duration): | 250°C |
| Min. temperature for installing without preheating: | +0°C |
| Standard | AS/NZS 5000.1 |

Structural Parameters:

| Nominal conductor area | Approx. diameter of conductor | Conductor type | Nominal thickness of insulation | Nominal thickness of outer sheath | Approx. overall diameter of cable | Approx. weight of cable |
|------------------------|-------------------------------|----------------|---------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| mm ² | mm | | mm | mm | mm | kg/km |
| 1.5 | 1.5 | Stranded Cu | 0.7 | 1.4 | 7.9 | 47 |
| 2.5 | 2.0 | Stranded Cu | 0.7 | 1.4 | 8.4 | 59 |
| 4 | 2.5 | Stranded Cu | 0.7 | 1.4 | 8.9 | 77 |
| 6 | 3.1 | Stranded Cu | 0.7 | 1.4 | 9.5 | 99 |
| 10 | 3.8 | Compact Cu | 0.7 | 1.4 | 10.2 | 142 |
| 16 | 4.8 | Compact Cu | 0.7 | 1.4 | 11.2 | 202 |
| 25 | 6.0 | Compact Cu | 0.9 | 1.4 | 12.8 | 299 |
| 35 | 7.0 | Compact Cu | 0.9 | 1.4 | 13.8 | 393 |
| 50 | 8.1 | Compact Cu | 1.0 | 1.4 | 15.1 | 516 |
| 70 | 9.9 | Compact Cu | 1.1 | 1.4 | 17.1 | 722 |
| 95 | 11.5 | Compact Cu | 1.1 | 1.5 | 18.8 | 970 |
| 120 | 12.9 | Compact Cu | 1.2 | 1.5 | 20.5 | 1211 |
| 150 | 14.4 | Compact Cu | 1.4 | 1.6 | 22.6 | 1489 |
| 185 | 16.1 | Compact Cu | 1.6 | 1.6 | 24.8 | 1852 |
| 240 | 18.4 | Compact Cu | 1.7 | 1.7 | 27.5 | 2404 |
| 300 | 20.6 | Compact Cu | 1.8 | 1.8 | 30.0 | 2990 |
| 400 | 23.4 | Compact Cu | 2.0 | 1.9 | 33.5 | 3805 |
| 500 | 26.2 | Compact Cu | 2.2 | 2.0 | 36.9 | 4850 |
| 630 | 29.8 | Compact Cu | 2.4 | 2.2 | 41.1 | 6231 |