XLPE/PVC Aluminium SDI



Single core, aluminium conductors, 0.6/1kV X-90 XLPE insulated, 5V-90 PVC sheathed to AS/NZS 5000.1

| Conductor Area | Main Conductor Type | Nominal Insulation Thickness | Nominal Sheath Thickness | Nominal Overall Diameter | Approx. Mass |
|-------------------|---|---|--------------------------------|--|--|
| mm ² | | mm | mm | mm | kg/100m |
| 25 | Compact Al | 0.9 | 1.4 | 10.5 | 14.7 |
| 35 | Compact Al | 0.9 | 1.4 | 11.5 | 18.2 |
| 50 | Compact Al | 1.0 | 1.4 | 12.9 | 23.0 |
| 70 | Compact Al | 1.1 | 1.4 | 14.9 | 30.8 |
| 95 | Compact Al | 1.1 | 1.5 | 16.7 | 40.0 |
| 120 | Compact Al | 1.2 | 1.5 | 18.4 | 48.7 |
| 150 | Compact Al | 1.4 | 1.6 | 20.5 | 59.7 |
| 185 | Compact Al | 1.6 | 1.6 | 22.7 | 73.2 |
| 240 | Compact Al | 1.7 | 1.7 | 25.3 | 92.9 |
| 300 | Compact Al | 1.8 | 1.8 | 27.8 | 113 |
| 400 | Compact Al | 2.0 | 1.9 | 31.3 | 143 |
| 500 | Compact Al | 2.2 | 2.0 | 35.0 | 181 |
| 630 | Compact Al | 2.4 | 2.2 | 39.2 | 230 |
| | Area mm² 25 35 50 70 95 120 150 185 240 300 400 500 | Area mm² 25 Compact Al 35 Compact Al 50 Compact Al 70 Compact Al 120 Compact Al 150 Compact Al 150 Compact Al 150 Compact Al 185 Compact Al 240 Compact Al 300 Compact Al 400 Compact Al 500 Compact Al | Area mm² mm | Area Type Thickness Thickness mm² mm mm 25 Compact AI 0.9 1.4 35 Compact AI 0.9 1.4 50 Compact AI 1.0 1.4 70 Compact AI 1.1 1.4 95 Compact AI 1.1 1.5 120 Compact AI 1.2 1.5 150 Compact AI 1.4 1.6 185 Compact AI 1.6 1.6 240 Compact AI 1.7 1.7 300 Compact AI 1.8 1.8 400 Compact AI 2.0 1.9 500 Compact AI 2.2 2.0 | Area Type Thickness Thickness Diameter mm 25 Compact AI 0.9 1.4 10.5 35 Compact AI 0.9 1.4 11.5 50 Compact AI 1.0 1.4 12.9 70 Compact AI 1.1 1.4 14.9 95 Compact AI 1.1 1.5 16.7 120 Compact AI 1.2 1.5 18.4 150 Compact AI 1.4 1.6 20.5 185 Compact AI 1.6 1.6 22.7 240 Compact AI 1.7 1.7 25.3 300 Compact AI 1.8 1.8 27.8 400 Compact AI 2.0 1.9 31.3 500 Compact AI 2.2 2.0 35.0 |





