

ACSS/TW Conductor, 553.16mm², Columbia



Specifications

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|--------------------------------|------------------------|
| Conductor Name | Columbia/ACSS/TW |
| Aluminium Wires Sectional Area | 489.61 mm ² |
| Steel Wires Sectional Area | 63.55 mm ² |
| Conductor Sectional Area | 553.16 mm ² |
| Aluminium Wires No. | 21 |
| Steel Wires No. | 2 |
| Aluminium Wire Diameter | 7 mm |
| Steel Wire Diameter | 3.40 mm |
| Conductor Diameter | 27.74 mm |
| Weight Aluminium | 1351.20 kg/km |
| Weight Steel | 496.43 kg/km |
| Conductor Weight | 1847.63 kg/km |
| Rated Strength | 117.81 kN |
| Rated Strength HS | 126.71 kN |
| Rated Strength EHS | kN |
| Rated Strength UHS | 146.41 kN |
| DC Resistance@ 20°C | 0.05840 Ω/km |
| Current Capacity @85°C | 757 A |
| Current Capacity @200°C | 1621 A |
| Current Capacity @250°C | 1848 A |

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