

ACSS/TW Conductor, 681.15mm², Grackle



Specifications

Conductor Name	Grackle/ACSS/TW
Alluminium Wires Sectional Area	604.26 mm ²
Steel Wires Sectional Area	76.89 mm ²
Conductor Sectional Area	681.15 mm ²
Alluminium Wires No.	38
Steel Wires No.	3
Alluminium Wire Diamenter	19 mm
Steel Wire Diameter	2.27 mm
Conductor Diameter	31.12 mm
Weight Aluminium	1677.20 kg/km
Weight Steel	601.83 kg/km
Conductor Weight	2279.03 kg/km
Rated Strength	146.30 kN
Rated Strength HS	159.37 kN
Rated Strength EHS	kN
Rated Strength UHS	185.90 kN
DC Resistance@ 20°C	0.04590 Ω/km
Current Capacity @85°C	860 A
Current Capacity @200°C	1869 A
Current Capacity @250°C	2135 A

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