

## ACSS/TW Conductor, 546.23mm<sup>2</sup>, Cardinal



### Specifications

Conductor Name	Cardinal/ACSS/TW
Alluminium Wires Sectional Area	483.42 mm <sup>2</sup>
Steel Wires Sectional Area	62.81 mm <sup>2</sup>
Conductor Sectional Area	546.23 mm <sup>2</sup>
Alluminium Wires No.	20
Steel Wires No.	2
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	3.38 mm
Conductor Diameter	27.53 mm
Weight Aluminium	1335.30 kg/km
Weight Steel	490.61 kg/km
Conductor Weight	1825.91 kg/km
Rated Strength	116.41 kN
Rated Strength HS	125.20 kN
Rated Strength EHS	kN
Rated Strength UHS	144.67 kN
DC Resistance@ 20°C	0.05680 Ω/km
Current Capacity @85°C	766 A
Current Capacity @200°C	1640 A
Current Capacity @250°C	1869 A

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