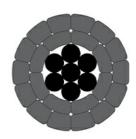


ACSS-TW



ACSS/TW Conductor, 546.23mm2, Cardinal





Specifications

Conductor Name	Cardinal/ACSS/TW
Alluminium Wires Sectional Area	483.42 mm²
Steel Wires Sectional Area	62.81 mm²
Conductor Sectional Area	546.23 mm ²
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

The above design is only a sample of the options available, for reference purposes only. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.

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