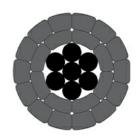


**ACSS-TW** 



## ACSS/TW Conductor, 446.56mm2, Puffin





## **Specifications**

Conductor Name	Puffin/ACSS/TW
Alluminium Wires Sectional Area	402.84 mm²
Steel Wires Sectional Area	43.72 mm²
Conductor Sectional Area	446.56 mm <sup>2</sup>
Alluminium Wires No.	18
Steel Wires No.	2
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	2.82 mm
Conductor Diameter	24.89 mm
Weight Aluminium	1111.50 kg/km
Weight Steel	341.51 kg/km
Conductor Weight	1453.01 kg/km
Rated Strength	84.85 kN
Rated Strength HS	92.72 kN
Rated Strength EHS	kN
Rated Strength UHS	106.27 kN
DC Resistance@ 20°C	0.06860 Ω/km
Current Capacity @85°C	684 A
Current Capacity @200°C	1447 A
Current Capacity @250°C	1646 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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