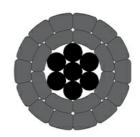


ACSS-TW



ACSS/TW Conductor, 689.17mm2, Bittern





Specifications

Conductor Name	Bittern/ACSS/TW
Alluminium Wires Sectional Area	644.51 mm ²
Steel Wires Sectional Area	44.66 mm ²
Conductor Sectional Area	689.17 mm²
Alluminium Wires No.	35
Steel Wires No.	3
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	2.85 mm
Conductor Diameter	30.99 mm
Weight Aluminium	1784.30 kg/km
Weight Steel	348.81 kg/km
Conductor Weight	2133.11 kg/km
Rated Strength	100.09 kN
Rated Strength HS	108.13 kN
Rated Strength EHS	kN
Rated Strength UHS	121.97 kN
DC Resistance@ 20°C	0.04300 Ω/km
Current Capacity @85°C	885 A
Current Capacity @200°C	1925 A
Current Capacity @250°C	2200 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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