

## ACSS/TW Conductor, 1056.77mm<sup>2</sup>, Athabaska



### Specifications

Conductor Name	Athabaska/ACSS/TW
Alluminium Wires Sectional Area	987.87 mm <sup>2</sup>
Steel Wires Sectional Area	68.90 mm <sup>2</sup>
Conductor Sectional Area	1056.77 mm <sup>2</sup>
Alluminium Wires No.	42
Steel Wires No.	3
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	3.54 mm
Conductor Diameter	38.20 mm
Weight Aluminium	2735.20 kg/km
Weight Steel	538.16 kg/km
Conductor Weight	3273.36 kg/km
Rated Strength	154.04 kN
Rated Strength HS	163.69 kN
Rated Strength EHS	kN
Rated Strength UHS	185.05 kN
DC Resistance@ 20°C	0.02820 Ω/km
Current Capacity @85°C	1125 A
Current Capacity @200°C	2526 A
Current Capacity @250°C	2900 A

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