

ACSS/TW Conductor, 1100.16mm², Cumberland



Specifications

Conductor Name	Cumberland/ACSS/TW
Aluminium Wires Sectional Area	976.39 mm ²
Steel Wires Sectional Area	123.77 mm ²
Conductor Sectional Area	1100.16 mm ²
Aluminium Wires No.	42
Steel Wires No.	3
Aluminium Wire Diameter	19 mm
Steel Wire Diameter	2.88 mm
Conductor Diameter	39.24 mm
Weight Aluminium	2709.90 kg/km
Weight Steel	968.74 kg/km
Conductor Weight	3678.64 kg/km
Rated Strength	230.76 kN
Rated Strength HS	253.04 kN
Rated Strength EHS	kN
Rated Strength UHS	291.41 kN
DC Resistance@ 20°C	0.03510 Ω/km
Current Capacity @85°C	1023 A
Current Capacity @200°C	2296 A
Current Capacity @250°C	2635 A

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