

ACSS/TW Conductor, 876.30mm², Rio Grande



Specifications

Conductor Name	Rio Grande/ACSS/TW
Alluminium Wires Sectional Area	776.97 mm ²
Steel Wires Sectional Area	99.33 mm ²
Conductor Sectional Area	876.30 mm ²
Alluminium Wires No.	39
Steel Wires No.	3
Alluminium Wire Diamenter	19 mm
Steel Wire Diameter	2.58 mm
Conductor Diameter	35.10 mm
Weight Aluminium	2156.30 kg/km
Weight Steel	777.43 kg/km
Conductor Weight	2933.73 kg/km
Rated Strength	184.81 kN
Rated Strength HS	202.69 kN
Rated Strength EHS	kN
Rated Strength UHS	233.48 kN
DC Resistance@ 20°C	0.03580 Ω/km
Current Capacity @85°C	992 A
Current Capacity @200°C	2194 A
Current Capacity @250°C	2513 A

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