

ACSS/TW Conductor, 782.41mm², St. Croix



Specifications

Conductor Name	St. Croix/ACSS/TW
Alluminium Wires Sectional Area	743.80 mm ²
Steel Wires Sectional Area	38.61 mm ²
Conductor Sectional Area	782.41 mm ²
Alluminium Wires No.	33
Steel Wires No.	3
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	2.65 mm
Conductor Diameter	32.82 mm
Weight Aluminium	2058.10 kg/km
Weight Steel	301.57 kg/km
Conductor Weight	2359.67 kg/km
Rated Strength	97.28 kN
Rated Strength HS	104.23 kN
Rated Strength EHS	kN
Rated Strength UHS	116.20 kN
DC Resistance@ 20°C	0.03740 Ω/km
Current Capacity @85°C	956 A
Current Capacity @200°C	2098 A
Current Capacity @250°C	2401 A

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