

ACSS/TW Conductor, 527.26mm², Fraser



Specifications

Conductor Name	Fraser/ACSS/TW
Aluminium Wires Sectional Area	479.74 mm ²
Steel Wires Sectional Area	47.52 mm ²
Conductor Sectional Area	527.26 mm ²
Aluminium Wires No.	35
Steel Wires No.	3
Aluminium Wire Diameter	7 mm
Steel Wire Diameter	2.94 mm
Conductor Diameter	27.36 mm
Weight Aluminium	1330.40 kg/km
Weight Steel	371.19 kg/km
Conductor Weight	1701.59 kg/km
Rated Strength	94.64 kN
Rated Strength HS	103.19 kN
Rated Strength EHS	kN
Rated Strength UHS	117.92 kN
DC Resistance@ 20°C	0.05770 Ω/km
Current Capacity @85°C	749 A
Current Capacity @200°C	1602 A
Current Capacity @250°C	1826 A

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