

ACSS/TW Conductor, 677.85mm², Scissortail



Specifications

Conductor Name	Scissortail/ACSS/TW
Aluminium Wires Sectional Area	644.58 mm ²
Steel Wires Sectional Area	33.27 mm ²
Conductor Sectional Area	677.85 mm ²
Aluminium Wires No.	30
Steel Wires No.	3
Aluminium Wire Diamenter	7 mm
Steel Wire Diameter	2.46 mm
Conductor Diameter	30.56 mm
Weight Aluminium	1782.80 kg/km
Weight Steel	259.88 kg/km
Conductor Weight	2042.68 kg/km
Rated Strength	84.04 kN
Rated Strength HS	90.03 kN
Rated Strength EHS	kN
Rated Strength UHS	100.34 kN
DC Resistance@ 20°C	0.04330 Ω/km
Current Capacity @85°C	879 A
Current Capacity @200°C	1909 A
Current Capacity @250°C	2182 A

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