

ACSS/TW Conductor, 508.36mm², Phoenix



Specifications

Conductor Name	Phoenix/ACSS/TW
Aluminium Wires Sectional Area	483.42 mm ²
Steel Wires Sectional Area	24.94 mm ²
Conductor Sectional Area	508.36 mm ²
Aluminium Wires No.	30
Steel Wires No.	3
Aluminium Wire Diameter	7 mm
Steel Wire Diameter	2.13 mm
Conductor Diameter	26.52 mm
Weight Aluminium	1341.70 kg/km
Weight Steel	194.83 kg/km
Conductor Weight	1536.53 kg/km
Rated Strength	64.01 kN
Rated Strength HS	68.25 kN
Rated Strength EHS	kN
Rated Strength UHS	76.86 kN
DC Resistance@ 20°C	0.05770 Ω/km
Current Capacity @85°C	743 A
Current Capacity @200°C	1586 A
Current Capacity @250°C	1807 A

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