

ACSS/TW Conductor, 516.96mm², Rail



Specifications

Conductor Name	Rail/ACSS/TW
Alluminium Wires Sectional Area	483.42 mm ²
Steel Wires Sectional Area	33.54 mm ²
Conductor Sectional Area	516.96 mm ²
Alluminium Wires No.	32
Steel Wires No.	3
Alluminium Wire Diamenter	7 mm
Steel Wire Diameter	2.47 mm
Conductor Diameter	26.95 mm
Weight Aluminium	1339.30 kg/km
Weight Steel	262.00 kg/km
Conductor Weight	1601.30 kg/km
Rated Strength	75.14 kN
Rated Strength HS	81.18 kN
Rated Strength EHS	kN
Rated Strength UHS	91.57 kN
DC Resistance@ 20°C	0.05740 Ω/km
Current Capacity @85°C	748 A
Current Capacity @200°C	1598 A
Current Capacity @250°C	1821 A

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