

ACSS Conductor, 483mm², Rail



Specifications

Conductor Name	Rail/ACSS
Conductor Sectional Area	483 mm ²
Aluminium Wires No.	45
Steel Wires No.	7
Aluminium Wire Diameter	3.70 mm
Steel Wire Diameter	2.47 mm
Conductor Diameter	29.59 mm
Weight Aluminium	1337.1 kg/km
Weight Steel	262.0 kg/km
Conductor Weight	1599.1 kg/km
Rated Strength	75.2 kN
Rated Strength HS	81.2 kN
Rated Strength EHS	87.9 kN
Rated Strength UHS	91.6 kN
DC Resistance@ 20°C	0.057 Ω/km
Current Capacity @85°C	762 A
Current Capacity @150°C	1645 A
Current Capacity @210°C	1878 A

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