

## ACSS Conductor, 806mm<sup>2</sup>, Falcon



### Specifications

Conductor Name	Falcon/ACSS
Conductor Sectional Area	806 mm <sup>2</sup>
Aluminium Wires No.	54
Steel Wires No.	19
Aluminium Wire Diamenter	4.36 mm
Steel Wire Diameter	2.62 mm
Conductor Diameter	39.22 mm
Weight Aluminium	2239.5 kg/km
Weight Steel	801.7 kg/km
Conductor Weight	3041.2 kg/km
Rated Strength	190.9 kN
Rated Strength HS	209.3 kN
Rated Strength EHS	229.8 kN
Rated Strength UHS	241.1 kN
DC Resistance@ 20°C	0.034 Ω/km
Current Capacity @85°C	1032 A
Current Capacity @150°C	2317 A
Current Capacity @210°C	2659 A

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