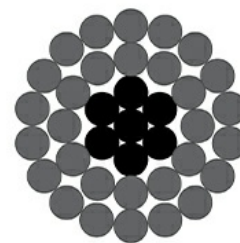


ACSS Conductor, 645mm², Bittern



Specifications

Conductor Name	Bittern/ACSS
Conductor Sectional Area	645 mm ²
Aluminium Wires No.	45
Steel Wires No.	7
Aluminium Wire Diamenter	4.27 mm
Steel Wire Diameter	2.85 mm
Conductor Diameter	34.16 mm
Weight Aluminium	1783.0 kg/km
Weight Steel	348.8 kg/km
Conductor Weight	2131.8 kg/km
Rated Strength	100.1 kN
Rated Strength HS	108.1 kN
Rated Strength EHS	117.1 kN
Rated Strength UHS	122.0 kN
DC Resistance@ 20°C	0.043 Ω/km
Current Capacity @85°C	901 A
Current Capacity @150°C	1985 A
Current Capacity @210°C	2272 A

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