

ACSS/TW Conductor, 689.17mm², Bittern



Specifications

Conductor Name	Bittern/ACSS/TW
Aluminium Wires Sectional Area	644.51 mm ²
Steel Wires Sectional Area	44.66 mm ²
Conductor Sectional Area	689.17 mm ²
Aluminium Wires No.	35
Steel Wires No.	3
Aluminium Wire Diameter	7 mm
Steel Wire Diameter	2.85 mm
Conductor Diameter	30.99 mm
Weight Aluminium	1784.30 kg/km
Weight Steel	348.81 kg/km
Conductor Weight	2133.11 kg/km
Rated Strength	100.09 kN
Rated Strength HS	108.13 kN
Rated Strength EHS	kN
Rated Strength UHS	121.97 kN
DC Resistance@ 20°C	0.04300 Ω/km
Current Capacity @85°C	885 A
Current Capacity @200°C	1925 A
Current Capacity @250°C	2200 A

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