

## ACSS/TW Conductor, 446.56mm<sup>2</sup>, Puffin



### Specifications

Conductor Name	Puffin/ACSS/TW
Aluminium Wires Sectional Area	402.84 mm <sup>2</sup>
Steel Wires Sectional Area	43.72 mm <sup>2</sup>
Conductor Sectional Area	446.56 mm <sup>2</sup>
Aluminium Wires No.	18
Steel Wires No.	2
Aluminium Wire Diameter	7 mm
Steel Wire Diameter	2.82 mm
Conductor Diameter	24.89 mm
Weight Aluminium	1111.50 kg/km
Weight Steel	341.51 kg/km
Conductor Weight	1453.01 kg/km
Rated Strength	84.85 kN
Rated Strength HS	92.72 kN
Rated Strength EHS	kN
Rated Strength UHS	106.27 kN
DC Resistance@ 20°C	0.06860 Ω/km
Current Capacity @85°C	684 A
Current Capacity @200°C	1447 A
Current Capacity @250°C	1646 A

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