

## ACSR/AW-Z Conductor, 511.23mm<sup>2</sup>



### Specifications

Steel Wires No.	7
Steel Wire Diameter	3.05 mm
Round Al. Wires No.	12
Round Al. Wires Diameter	3.05 mm
Z-Shaped Wires Layers No.	2
Z-Shaped Wires No.	42
Z-Shaped Wires Diameter	3.36 mm
Steel Wires Sectional Area	51.14 mm <sup>2</sup>
Round Wires Sectional Area	87.67 mm <sup>2</sup>
Z-Shaped Wires Sectional Area	372.41 mm <sup>2</sup>
Conductor Sectional Area	511.23 mm <sup>2</sup>
Conductor Diameter	27.45 mm
Conductor Weight	1607.0 kg/km
Rated Strength	143.93 kN
DC Resistance@ 20°C	0.0604 Ω/km
Current Capacity @75°C	580 A
Current Capacity @85°C	734 A

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