

ACSR CAN/CSA-C61089-11 -TYPE A1/S1A (Canadian Diameter-Based Sizes) Conductor, 549.3mm², 505-A1/S1A-48/7

Specifications

Conductor Name	N/A
Conductor Code	505-A1/S1A-48/7
Conductor Sectional Area	549.3 mm ²
Alluminium Wires No.	48
Steel Wires No.	7
Alluminium Wire Diamenter	3.66 mm
Steel Wire Diameter	2.84 mm
Conductor Diameter	30.50 mm
Conductor Weight	1743 kg/km
Rated Strength	136.00 kN
DC Resistance@ 20°C	0.0572 Ω/km
Current Capacity @75°C	602 A
Current Capacity @85°C	768 A