AC90AG™ (TYPE ACG90)
No. 14 to 6 AWG, Copper Conductors, 600V / -40°C MIN, 90°C MAX, RW90

CONSTRUCTION:
Solid copper circuit conductors, with low temperature XLPE insulation (RW90) wrapped with a polymer binder. Type ACG90™ cable construction provides a combination of interlocked aluminum armour in contact with a bare aluminum conductor as the overall bonding conductor for the cable. Rated 600 volts.

1. Copper Conductor
2. XLPE Insulation
3. Poly Tape
4. Bare Aluminum Bonding Conductor
5. Aluminum Interlock Armour

CONDUCTOR COLOURS:
- For 2 conductor constructions: black and white circuit conductors and a bare aluminum bonding conductor.
- For 3 conductor constructions: red, black and white circuit conductors and a bare aluminum bonding conductor.
- For 4 conductor constructions: red, black, blue and white circuit conductors and a bare aluminum bonding conductor.

APPLICATIONS AND FEATURES:
Southwire’s ACG90™ is designed for open and concealed wiring in dry locations only. For use in cabletroughs and ventilated flexible cableways in dry locations only. Minimum recommended installation temperature -10°C (with suitable handling procedures).

SPECIFICATIONS:
Southwire’s AC90AG™ cables meet or exceed the following requirements:
- CSA Spec. C22.2 No. 51 - Armoured Cables
- CSA File Listing: LL90458
- CSA -40°C Cold Temperature Rating
- CSA -10°C Minimum recommended cold installation temperature

Note: 2018 Canadian Electrical Code Part 1-Rule 10-610 (2) t is not the intent of this Rule to limit the use of cable constructions such as Type ACG90 that provide a combination of armor in contact with an internal bare conductor as the overall bonding conductor for the cable. These cable constructions rely on the use of suitable fittings designed specifically for the cable (such as press fittings) as required by Rule 10-612 1).
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size (AWG or kcmil)</th>
<th># of Conductors</th>
<th>Insulation Thickness</th>
<th>Conductor Size (AWG)*</th>
<th>Approximate Diameter</th>
<th>Approximate Net Cable Weight</th>
<th>Allowable Amps 30°C Ambient in Conduit **</th>
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<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
<td>inches</td>
<td>mm</td>
<td>lb/1000ft</td>
<td>kg/km</td>
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</table>

* Allowable ampacities are based on the 2018 Canadian Electrical Code Part I, Table 2. Terminations must comply with Rule 14.104(2)

Other constructions available upon request. Minimum order quantities may apply. Consult your Southwire representative for details.