

TECHNICAL DATA SHEET

CONDUCTOR: **954 000 cmils**
Description: **Cardinal**
 ACSR / Steel type GA2

MECHANICAL AND ELECTRICAL PROPERTIES

| PARAMETER | | VALUE |
|----------------------------------|--------------------|-------------|
| Cross section (mm ²) | Aluminium | 483,4 |
| Diameter (mm) | Aluminium | 3,376 |
| | Galvanized Steel | 3,376 |
| Diameter (in) | Aluminium | 0,1329 |
| | Galvanized Steel | 0,1329 |
| Wires number | Aluminium | 54 |
| | Galvanized Steel | 7 |
| Lay direction | External layer | ‘Z’ - Right |
| Conductor Diameter (mm) | Total | 30,38 |
| Conductor Diameter (in) | Total | 1,196 |
| Weight (kg/km) | Complete conductor | 1825,9 |
| Weight (lb/1000ft) | Complete conductor | 1227,1 |
| Ultimate Tensile Strength (kN) | Complete conductor | 150,342 |
| Ultimate Tensile Strength (kips) | Complete conductor | 33,800 |

According to Standards: ASTM B231/B231M-16
 ASTM B230/B230M-07
 ASTM B498/B498M-08