

TECHNICAL DATA SHEET

CONDUCTOR: **1 590 000 cmils**
Description: **Lapwing**
 ACSR / Steel type GA2

MECHANICAL AND ELECTRICAL PROPERTIES

PARAMETER		VALUE
Cross section (mm ²)	Aluminium	805,7
Diameter (mm)	Aluminium	4,775
	Galvanized Steel	3,183
Diameter (in)	Aluminium	0,1880
	Galvanized Steel	0,1253
Wires number	Aluminium	45
	Galvanized Steel	7
Lay direction	External layer	‘Z’ - Right
Conductor Diameter (mm)	Total	38,20
Conductor Diameter (in)	Total	1,504
Weight (kg/km)	Complete conductor	2663,5
Weight (lb/1000ft)	Complete conductor	1790,0
Ultimate Tensile Strength (kN)	Complete conductor	187,706
Ultimate Tensile Strength (kips)	Complete conductor	42,200

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