



## TECHNICAL DATA SHEET

**CONDUCTOR:** 1590 cmils  
**Description:** Lapwing/ACSS  
Steel type MA3

### MECHANICAL AND ELECTRICAL PROPERTIES

PARAMETER		VALUE
Cross section (mm <sup>2</sup> )	Aluminium	806
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
Weight (kg/km)	Complete conductor	2663,5
Weight (lb/1000ft)	Complete conductor	1790,0
Ultimate Tensile Strength (kN)	Complete conductor	131,661
Ultimate Tensile Strength (kips)	Complete conductor	29,600

**According to Standards:** ASTM B856-13  
ASTM B609/B609M-12  
ASTM B803/B803M-08

REV.	Date	Performed:
0.ASTM	2024/05	CUNEXT COPPER INDUSTRIES, SL. Quality Department