

TECHNICAL DATA SHEET

CONDUCTOR: 795 000 cmils
Description: Drake
 ACSR / Steel type MA2

MECHANICAL AND ELECTRICAL PROPERTIES

PARAMETER		VALUE
Cross section (mm ²)	Aluminium	402,8
Diameter (mm)	Aluminium	4,442
	Galvanized Steel	3,454
Diameter (in)	Aluminium	0,1749
	Galvanized Steel	0,1360
Wires number	Aluminium	26
	Galvanized Steel	7
Lay direction	External layer	‘Z’ - Right
Conductor Diameter (mm)	Total	28,14
Conductor Diameter (in)	Total	1,108
Weight (kg/km)	Complete conductor	1626,4
Weight (lb/1000ft)	Complete conductor	1093,0
Ultimate Tensile Strength (kN)	Complete conductor	140,112
Ultimate Tensile Strength (kips)	Complete conductor	31,500

According to Standards: ASTM B231/B231M-16
 ASTM B230/B230M-07
 ASTM B802/B802M-10