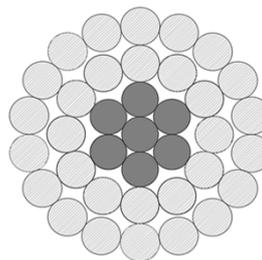


TECHNICAL DATA SHEET

CONDUCTOR: 264-AL1/ 62-ST1A

Description: ACSR 325 - Bear



M ECHANICAL AND ELECTRICAL PROPERTIES

PARAMETER		VALUE
Cross section (mm ²)	Aluminium	264.4
	Galvanized Steel	61.7
	Complete conductor	326.1
Diameter (mm)	Aluminium	3.35
	Galvanized Steel	3.35
Wires number	Aluminium	30
	Galvanized Steel	7
Lay direction	External layer	'Z'-Right
Conductor Diameter (mm)	Total	23.45
Weight (kg/km) **	Aluminium	730.9
	Galvanized Steel	482.5
	Complete conductor	1225.6
Ultimate Tensile Strength (kN)	Complete conductor	111.50
DC Electrical resistance (20°C) cc (Ω/km)	Complete conductor	0.1093
Coefficient of linear expansion (x 10 ⁽⁻⁶⁾ /°C)	Complete conductor	17.9
Final Modulus of Elasticity (N/mm ²)	Complete conductor	80541
Ampacity (A)*	Complete conductor	674.3

According to Standards: EN 50182 DMA-C34-120/N - EN 60889 - EN 50189

* Air Temp.: 35 °C; Conductor Temp.: 80 °C; Wind Speed: 0.61 m/s; Solar radiation: 1035 W/m²

** Greased conductor. Case 1; nominal grease weight (kg/km): 12.2

REV.	Date	Performed:
2	2020-06-27	CUNEXT COPPER INDUSTRIES, SL. Quality Department