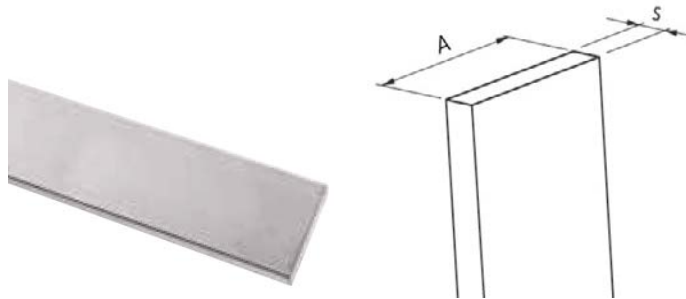


Product Datasheet

BAP2025



Main

Family	Copper and Aluminium busbars
Version	Solid aluminium bars
Length (mm)	2000
Code	BAP2025
Reference	BAP 80x10x2000
Number per package	2
Weight (kg/m)	2.16
A (mm)	80
s (mm)	10
Cross section (mm ²)	800

In (A) vs ΔT^*	In (A)	ΔT
	1123	35 °C
	1438	55 °C
	1638	70 °C
	2033	105 °C

*Table of ampacities (A) are based on temperature rise ΔT with reference room temperature of 35 °C

Technical Features

Aluminium type EN-AW 1050 A

Rounded corners

Tensile strength: 80 N/mm²

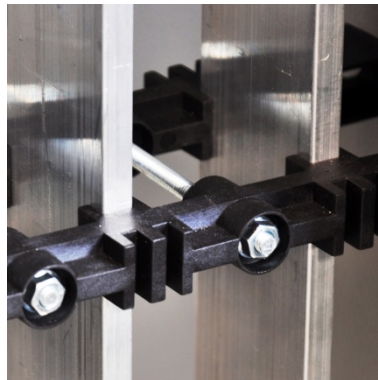
Resistivity: 0.0265 Ω mm²/m

Density: 2.7 kg/dm³

Solid aluminium bars

When compared to a copper bar with the same cross-section there is a significant weight saving, up to 70% less, with an ampacity reduction of about 30%.

Significant cost saving advantages due to the different cost of the raw material and, especially, the great difference in the weight/volume ratio.



For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.