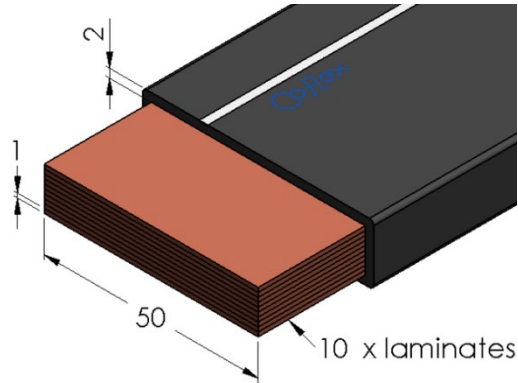


Product Datasheet

CFX1215



Main

| | | |
|----------------------------------|--------------------------------|-----------------------------|
| Family | Insulated copper flexible bars | |
| Version | Coflex | |
| Standard length (m) | 2 | |
| Width (mm) | 50 | |
| Code | CFX1215 | |
| Reference | CFX 10X50X1 | |
| Number per package | 2 | |
| Weight (kg) | 9.61 | |
| Cross section (mm ²) | 500 | |
| In (A) vs ΔT | Rated Intensity (A) | Temperature rise ΔT |
| | 1033 | 35 °C |
| | 1186 | 45 °C |
| | 1323 | 55 °C |
| | 1507 | 70 °C |

Technical Features

Conductor

Electrolytic copper: Cu-ETP – EN 13599

Laminate thickness: 1 mm

Insulation

PVC compound

Self-extinguishing PVC UL 94-V0

Black color with white line

Thickness: 2 mm ± 0.2

Dielectric strength: 20 kV/mm

Class II according to Par. 8.4.4 IEC 61439-1

Recyclable

Finished Product

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 105 °C

In vs. ΔT

I_n = Rated current A

ΔT = Temperature rise °C

$\Delta T = T_f - T_a$

T_f = Working temperature °C

T_a = Room temperature °C

Table of ampacities (A) are based on temperature rise ΔT as per **IEC 61439-1** with reference room temperature of 35°C.

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

Please contact Teknomega for non-specified tolerances.