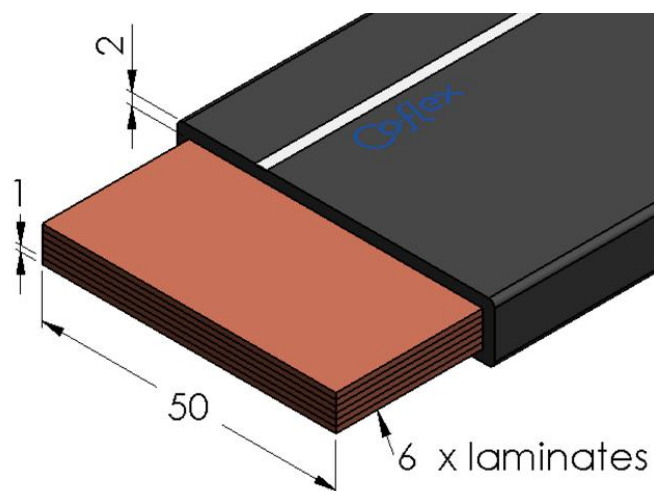


Product Datasheet

CFX1205



Main

Family	Insulated copper flexible bars
Version	Coflex
Standard length (m)	2
Width (mm)	50
Code	CFX1205
Reference	CFX 6X50X1
Number per package	3
Weight (kg)	6
Cross section (mm ²)	300

In (A) vs ΔT

Rated Intensity (A)

Temperature rise ΔT

786

35 °C

902

45 °C

1006

55 °C

1145

70 °C

Technical Features

Conductor

Electrolytic copper: Cu-ETP – EN 13599

Laminate thickness: 1 mm

Insulation

PVC compound, Self-extinguishing UL 94-V0

Black color with white line

Thickness: 2 mm $\pm$ 0.2

Dielectric strength: 20 kV/mm

Class II according to Par. 8.4.4 IEC 61439-1

Glow-wire flammability test (GWEPT) according to standard IEC 60695-2-11:2021: 960°C

Recyclable

Finished Product

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 105 °C

Compliant with standard IEC 61439-2

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.

