FB50416

CUBIC CuFlex Flexible Copper Busbar 50mm2 Length 416mm Black and Dark Grey

FLEXIBLE BUSBAR BRAIDS

CUBIC

Component type	Busbar
Range	CuFlex
Model	N/A
Product status	Existing

NHP's Cu-flex busbars ensure a prompt and professional execution of electrical connections. The busbars are supplied ready to go. This means that you do not have to spend time on shortening, stripping the wires, making holes or complicated bends. Cu-flex is made of copper wires that are woven to a flexible busbar.

ELECTRICAL	**Rated current In**	295 A
	Rated current x1 busbar to busbar deltaT 30K-65K	220-325 A
	Rated current x2 busbar to busbar deltaT 30K-65K	375-550 A
	Rated current x1 busbar to component deltaT 40K-55K	110-130 A
	Rated current x2 busbar to component deltaT 40K-55K	187-222 A
	Rated current x1 component to component deltaT 40K-55K	110-130 A
	Rated current x2 component to component deltaT 40K-55K	158-185 A
	Nominal voltage	1000 V
	Rated short-time withstand current Icc	64 A
	Rated insulation voltage Ui	1000 V
	Power loss	16.7 W
CONSTRUCTION	**Flexible**	Yes
	Colour housing	Grey/black
	Fire resistant properties	According to UL94 V0
	Model	Flat
	Surface protection	Untreated
DIMENSIONS	**Length**	416 mm
	Width	20 mm
	Height	2.5 mm
	Wire/conductor size	50 mm
ENVIRONMENT	**Max. operating temperature**	105 °C

Published on 02 March 2026

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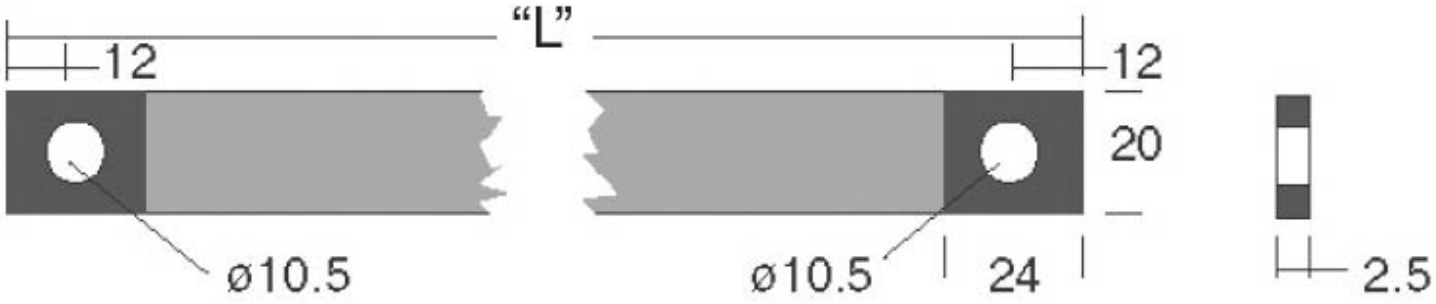
DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY

Item No: FS5050
Required: No
Description: CUBIC CuFlex Flexible Copper Busbar Spacer suits 50mm2 Spacing Distance 50mm

Item No: FS5064
Required: No
Description: CUBIC CuFlex Flexible Copper Busbar Spacer suits 50mm2 Spacing Distance 64mm