

# FB50800

CUBIC CuFlex Flexible Copper Busbar 50mm<sup>2</sup> Length 800mm  
Black and Dark Grey



<b>Component type</b>	Busbar
<b>Range</b>	CuFlex
<b>Model</b>	N/A
<b>Product status</b>	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	295.0 A
Rated current x1 busbar to busbar deltaT 30K-65K	220325.0 A
Rated current x2 busbar to busbar deltaT 30K-65K	375550.0 A
Rated current x1 busbar to component deltaT 40K-55K	110130.0 A
Rated current x2 busbar to component deltaT 40K-55K	187222.0 A
Rated current x1 component to component deltaT 40K-55K	110130.0 A
Rated current x2 component to component deltaT 40K-55K	158185.0 A
Nominal voltage	1000.0 V
Rated short-time withstand current Icc	64.0 A
Rated insulation voltage Ui	1000.0 V

## CONSTRUCTION

Flexible	Yes
Colour housing	Grey/black
Fire resistant properties	According to UL94 V0

## DIMENSIONS

Length	800.0 mm
Width	20.0 mm
Height	2.5 mm
Wire/conductor size	50 mm

## ENVIRONMENT

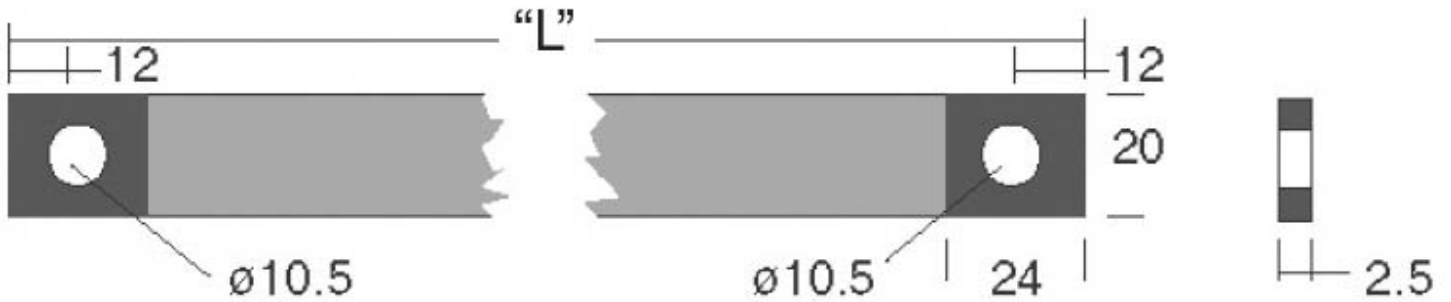
Max. operating temperature	105.0 °C
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## DIMENSIONAL DIAGRAM



## RELATED PRODUCTS

### ACCESSORY

	<b>Item No:</b> FS10056 <b>Required:</b> No <b>Description:</b> CUBIC CuFlex Flexible Copper Busbar Spacer suits 100mm <sup>2</sup> Spacing Distance 56mm		<b>Item No:</b> FS5050 <b>Required:</b> No <b>Description:</b> CUBIC CuFlex Flexible Copper Busbar Spacer suits 50mm <sup>2</sup> Spacing Distance 50mm
	<b>Item No:</b> FS24064 <b>Required:</b> No <b>Description:</b> CUBIC CuFlex Flexible Copper Busbar Spacer suits 240mm <sup>2</sup> Spacing Distance 64mm		<b>Item No:</b> FS5064 <b>Required:</b> No <b>Description:</b> CUBIC CuFlex Flexible Copper Busbar Spacer suits 50mm <sup>2</sup> Spacing Distance 64mm
	<b>Item No:</b> FS2550 <b>Required:</b> No <b>Description:</b> CUBIC CuFlex Flexible Copper Busbar Spacer suits 25mm <sup>2</sup> Spacing Distance 50mm		