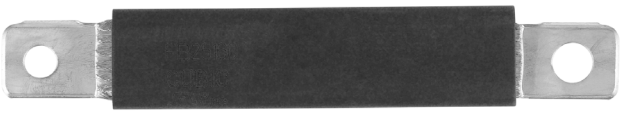
# FB50800T

**CUBIC CuFlex Flexible Copper Busbar 50mm2 Length 800mm Black/Dark Grey**



| | |
|---|---|
| **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** | 32.2 W |
| **CONSTRUCTION** | **Flexible** | Yes |
| | **Colour housing** | Grey/black |
| | **Fire resistant properties** | According to UL94 V0 |
| | **Model** | Flat |
| | **Surface protection** | Tinned |
| **DIMENSIONS** | **Length** | 800 mm |
| | **Width** | 20 mm |
| | **Height** | 2.5 mm |
| | **Wire/conductor size** | 50 mm |
| **ENVIRONMENT** | **Max. operating temperature** | 105 °C |

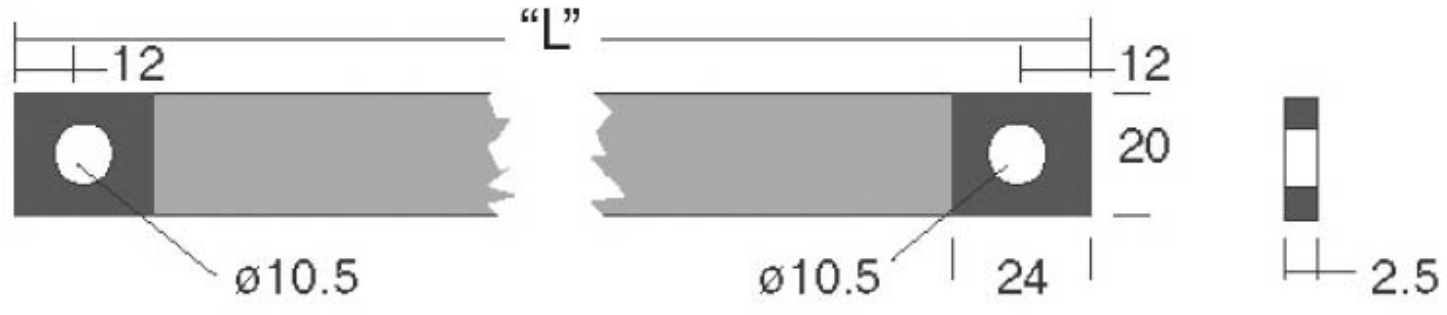


Published on 30 June 2026

# FB50800T

**CUBIC CuFlex Flexible Copper Busbar 50mm2 Length 800mm Black/Dark Grey**

## 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





Published on 30 June 2026