

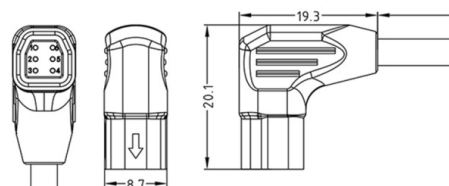
# Product data sheet

## Higo - Signal - Mini F

### Mini F Female angled plug connector

Z609FM A 00 A4 1000

<https://www.higoconnector.com/en/e-bike-connector/z609fma00a41000>



## Specifications

### General Characteristics

Number of contacts	6
Gender	Female
Color	Purple
Upper temperature	80 °C
Lower temperature	-25 °C
Locking	Push-on (no locking)
Protection degree	IP67
Mating cycles (times)	200 Mating times
Connector diameter	4.8 mm
Fitting length	20 mm
Cable Length	1000 mm
Cable diameter	3.7 mm
Wire section	6 x 0,14 mm <sup>2</sup>
Remark	Other cable length/type on request

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#### Electrical Parameters

<b>Rated current</b>	2 A
<b>Rated voltage</b>	48 V AC / 60 V DC
<b>Max. insulation resistance (M )</b>	≥20 MΩ
<b>Max. contact resistance (M )</b>	≤10 MΩ

#### Material

<b>Material jacket</b>	PVC
<b>Insulation wire</b>	PVC
<b>Material of contact</b>	Copper Alloy
<b>Contact plating</b>	Gold over Nickel