

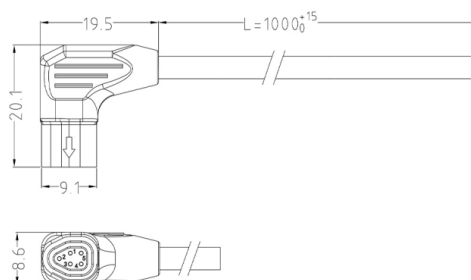
Product data sheet

Higo - Signal - Mini F

Mini F Female angled plug connector

Z509FM A 00 A3 1000

<https://www.higoconnector.com/en/e-bike-connector/z509fma00a31000>



Specifications

General Characteristics

Number of contacts	5
Connector shape	Angled plug
Gender	Female
Color	Green
Upper temperature	80 °C
Lower temperature	-25 °C
Locking	Push-on (no locking)
IP Protection	IP66
Mating cycles	200 Mating times
Connector diameter	8,6 x 7,3 mm
Fitting length	20 mm
Cable Length	1000 mm
Cable diameter	3.7 mm
Wire section	5 x 0,14 mm ²
Remark	Other cable length/type on request

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Electrical Parameters

Rated current	2 A
Rated voltage	48 V AC / 60 V DC
Max. insulation resistance	$\geq 20 \text{ M}\Omega$
Max. contact resistance	$\leq 10 \text{ M}\Omega$

Material

Material jacket	TPU
Insulation wire	Teflon
Material of contact	Copper Alloy
Contact plating	Gold over Nickel