

# Product data sheet

## Higo - Signal - Micro Q

### Micro Q female plug connector

Z506QM P 00 FW 1000

<https://www.higoconnector.com/en/e-bike-connector/z506qmp00fw1000>



## Specifications

### General Characteristics

Number of contacts	5
Connector shape	Plug
Gender	Female
Color	Green
Upper temperature	80 °C
Lower temperature	-25 °C
Locking	Push-on (no locking)
IP Protection	IP67
Mating cycles	50 Mating times
Connector diameter	6 mm
Fitting length	50 mm
Cable Length	1000 mm
Cable diameter	2.8 mm
Wire section	5 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</b>	$\geq 20$ M $\Omega$
<b>Max. contact resistance</b>	$\leq 10$ M $\Omega$

#### Material

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