

# Product data sheet

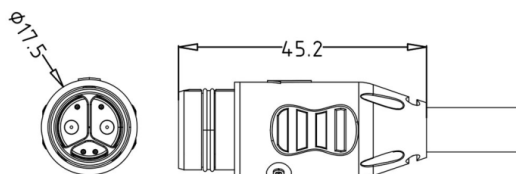
## Higo - Battery - F618A

### Male cable connector

## Push-on flexible

F618AG P 00 GN 1000

<https://www.higoconnector.com/en/e-bike-connector/f618agp00gn1000>



## Specifications

### General Characteristics

|                    |                   |
|--------------------|-------------------|
| Number of contacts | 6 (2+4)           |
| Connector shape    | Plug              |
| Gender             | Male              |
| Color              | Black             |
| Upper temperature  | 80 °C             |
| Lower temperature  | -25 °C            |
| Locking            | Push-on flexible  |
| IP Protection      | IP67              |
| Mating cycles      | 3000 Mating times |
| Connector diameter | 18,0 mm           |
| Fitting length     | 40 mm             |
| Cable Length       | 1000 mm           |
| Cable diameter     | 8 mm              |

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### Male cable connector

|                     |                                    |
|---------------------|------------------------------------|
| <b>Wire section</b> | 2 x 3,3 + 4 x 0,2 mm <sup>2</sup>  |
| <b>Remark</b>       | Other cable length/type on request |

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### Male cable connector

#### Electrical Parameters

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Rated current</b>              | 30 / 2 A                  |
| <b>Rated voltage</b>              | 48 V AC / 60 V DC         |
| <b>Max. insulation resistance</b> | $\geq 20 \text{ M}\Omega$ |
| <b>Max. contact resistance</b>    | $\leq 10 \text{ M}\Omega$ |

#### Material

|                            |               |
|----------------------------|---------------|
| <b>Material jacket</b>     | PVC           |
| <b>Insulation wire</b>     | FEP           |
| <b>Material of contact</b> | Copper alloy  |
| <b>Contact plating</b>     | Silver plated |