

# Waterproof Junction Boxes

Waterproof 2-Pole Micro TeePlug & Socket 5.8-6.9mm Cable Connector  
1mm² Conductor Black



## THK.381.02

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Quicklink: Q6F3F

### General

IP Rating IP68

### Electrical

Amperage 10A

Voltage 500V

This ultra-compact 2-pole micro screw terminal plug is the smallest waterproof connector on the market with a diameter of only 14mm, making it ideal for space-constrained architectural, street, LED, and underwater lighting applications. This single-cable-entry connector features a quick push-pull connection system that accommodates cable diameters from 5.8mm to 6.9mm and supports wire sizes up to 1.5mm². It is fully tested and approved for harsh environments, carrying an IP68 rating for submersion up to 30 meters for 1 hour, as well as an IP69K rating for high-pressure water resistance.

### Specifications

- Terminal Type: Silver-plated brass (zinc-plated screws)
- Includes 1 x Male Plug and 1 x Female Socket for quick-disconnect cable runs
- Cable Entries: 1
- Max Current: 10A
- Max Voltage: 500V
- Number of Poles: 2
- Minimum Cable Diameter: 5.8mm
- Maximum Cable Diameter: 6.9mm
- Body Material: PA66 GF UL94 V0
- Suitable For Class 2 Applications (Double Insulated)