

## IR Rail System

Lock from bottom,  
click installation way

### Quickly

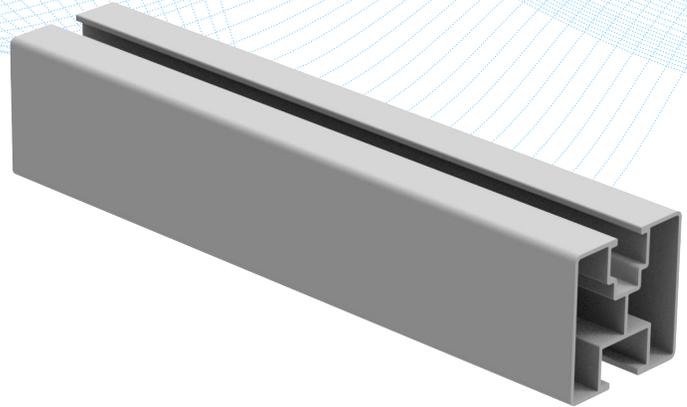
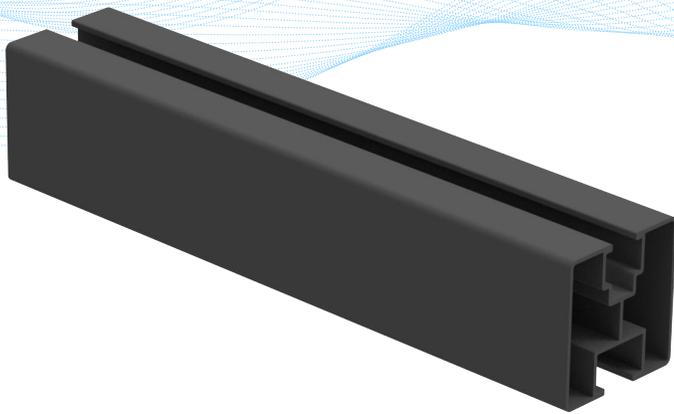
- Automated production line
- Professional package team
- Certified production process

### Premium materials

- Anodized Al6005-T5
- SUS 304 fasteners

### Standard or OEM Service

- Standard or customized length
- Standard or customized rails
- Optional anodized or non-anodized

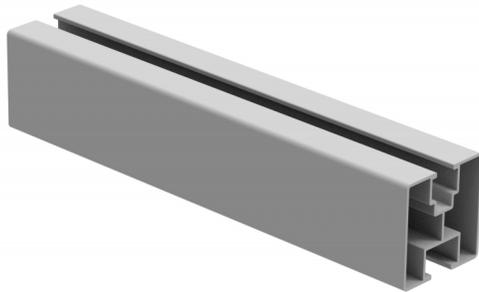


**1 Flexible**  
Available silver and black  
Customized length  
Anodized or non-anodized

**2 Easy**  
Click the clamps on rail  
Lock from bottom on roof  
attachments

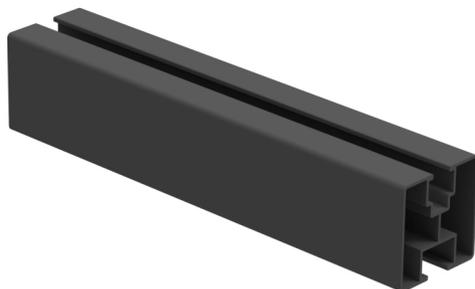
**3 Stronger**  
Made by Al6005-T5  
Optimal mechanics design  
Square design, more stronger

## Rails



• WQ-IR1-S  
Silver IR Rail

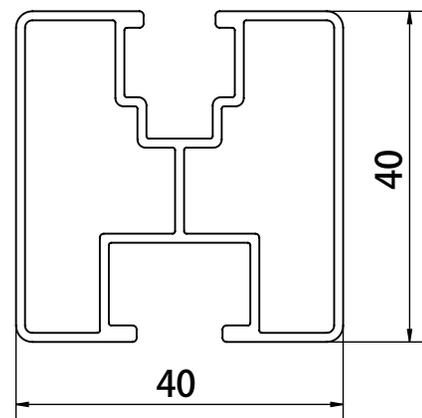
Length: 4200/4600 mm or customized



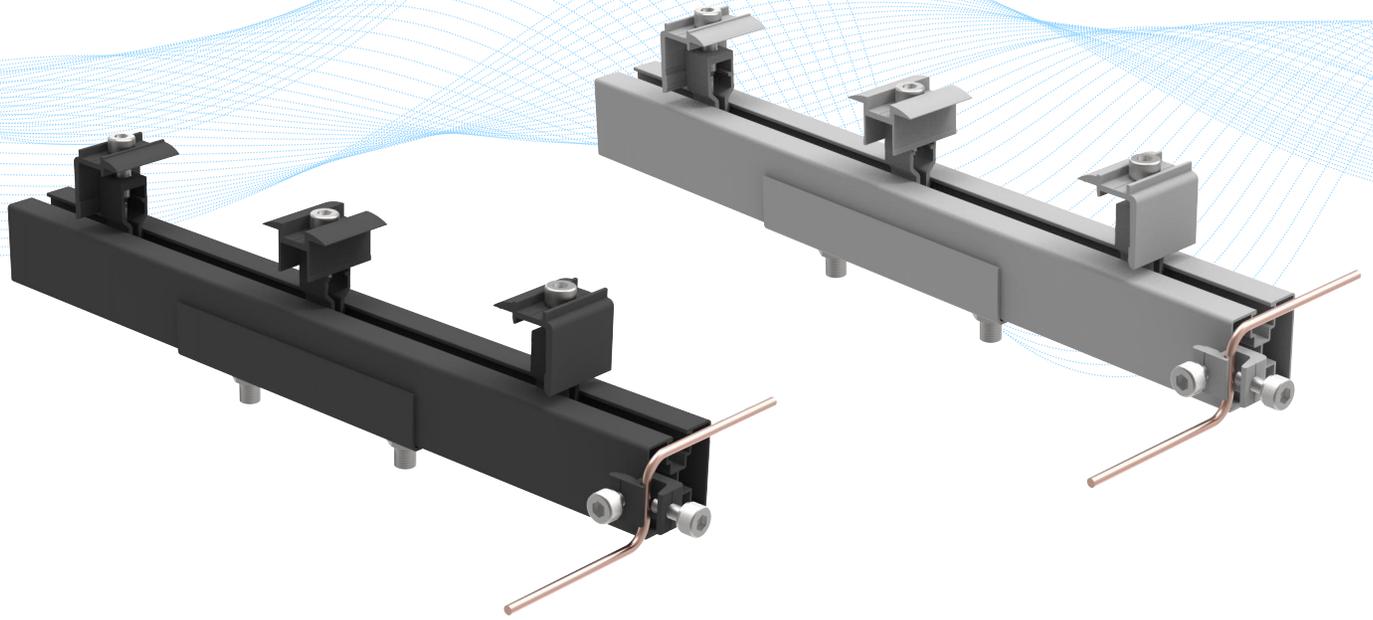
• WQ-IR1-B  
Black IR Rail

Length: 4200/4600 mm or customized

## Drawings



Section area moment	S3=1591.53mm <sup>3</sup> 、 S2=1522.14mm <sup>3</sup>
Moment of Inertia	I3=48865.23mm <sup>4</sup> 、 I2=46743.97mm <sup>4</sup>
Cross section modulus	W3(min)=2427.37mm <sup>3</sup> 、 W2(min)=2459.36mm <sup>3</sup>



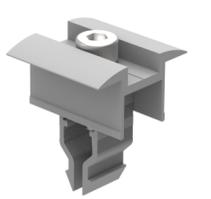
**1 Universal**  
Universal Mid/End clamps for 30-35mm thick modules

**2 Easy Fixing**  
Click the clamps on rail  
Clamps are self-standing

**3 Strong & Safety**  
Grounding clip integrated  
Non eccentric force problem  
Wide rail splice kit used

**IR Kits**

**Fixing Show**



• WQ-IRM-3035-S  
Silver IR Mid Clamp



• WQ-IRM-3035-B  
Black IR Mid Clamp



• WQ-IRE-3035-S  
Silver IR End Clamp



• WQ-IRE-3035-B  
Black IR End Clamp



• WQ-IR1-RSK-S  
Silver IR Rail Splice Kits



• WQ-IR1-RSK-B  
Black IR Rail Splice Kits



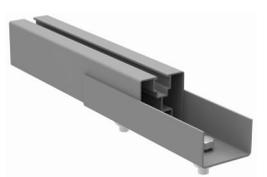
• WQ-ICR-GL-S  
Silver IR grounding lug



• WQ-ICR-GL-B  
Black IR grounding lug



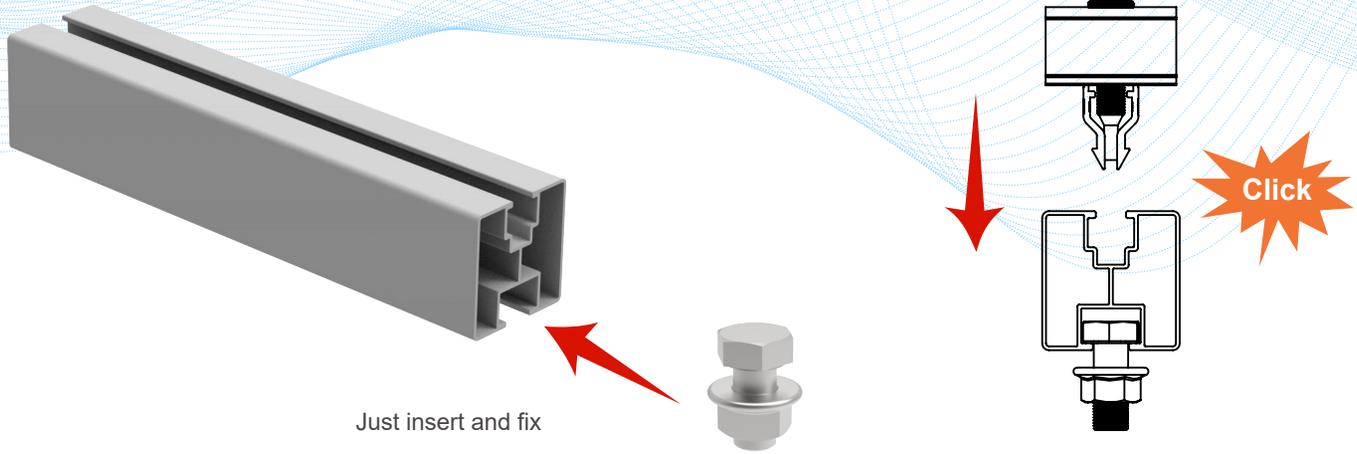
• Mid Clamp fixing



• Rail Splice kit fixing



• Ground Lug fixing



**1 Easy**  
Easy to achieve portrait and landscape  
Just tighten the screws at the  
bottom of the rail

**2 Click Rule**  
Click the clamps on rail  
save installation time and  
reduce labor costs

**3 High matching**  
Used with hooks on tile roofs  
Used with hanger bolt on  
tile and metal roofs  
Works for most roof attachment

**Installation**

