

AU-300/AU-500 Mounting kit

Type **AFB-01**

Hardware Specifications

(Document No. SE24-410-001-00)



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Revision History

Version	Contents	Date
0	Initial release	2024.07.19

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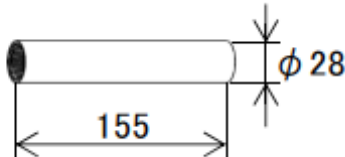
1 Outlines

This document describes the specifications for the AFB-01 which is mounting kit for the GNSS antenna AU-300/AU-500.

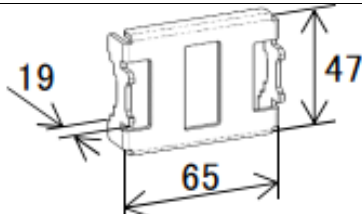
2 Materials list

Pipe	1
Antenna fixing bracket	1
Stainless clamp	1
Parts list	1

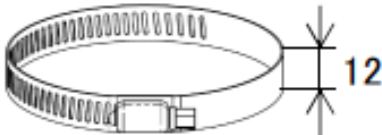
2.1 Pipe

Material	Aluminum, A6063S-T6
Surface treatment	Transparent alumite
External dimensions	$\Phi 28 \times L155\text{mm}$
Weight	$95 \pm 3 \text{ g}$
Screw Specifications	M24 \times 1.5, Depth 12mm or more
Outline	

2.2 Antenna fixing bracket

Material	Stainless steel plate, SUS304 t2.0
External dimensions	65(H) \times 49(W) \times 19(D)mm
Weight	$55 \pm 2 \text{ g}$
Outline	

2.3 Stainless clamp

Material	Stainless steel
External dimensions	12(W) × 305(L)mm
Weight	22 ± 2 g
Screw Specifications	M24 × 1.5, Depth 12mm or more
Band plate thickness	0.6mm
Outline	


3 Environmental Specifications

Operating temperature	-40 to +85°C
Storage temperature	-40 to +85°C

4 Strength and pressure resistance

Wind speed resistance load (breaking wind speed)	90m/s
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5 Packaging

Packing method	Polybag (bulk form)
Poly bag dimensions	150(W) × 230(H)mm
Packing weight	180 ± 10g
Packing form	<div> <div>Pipe</div>  <div>Parts list</div> <div>Stainless clamp</div> <div>Antenna fixing bracket</div> </div>

6 Storage conditions

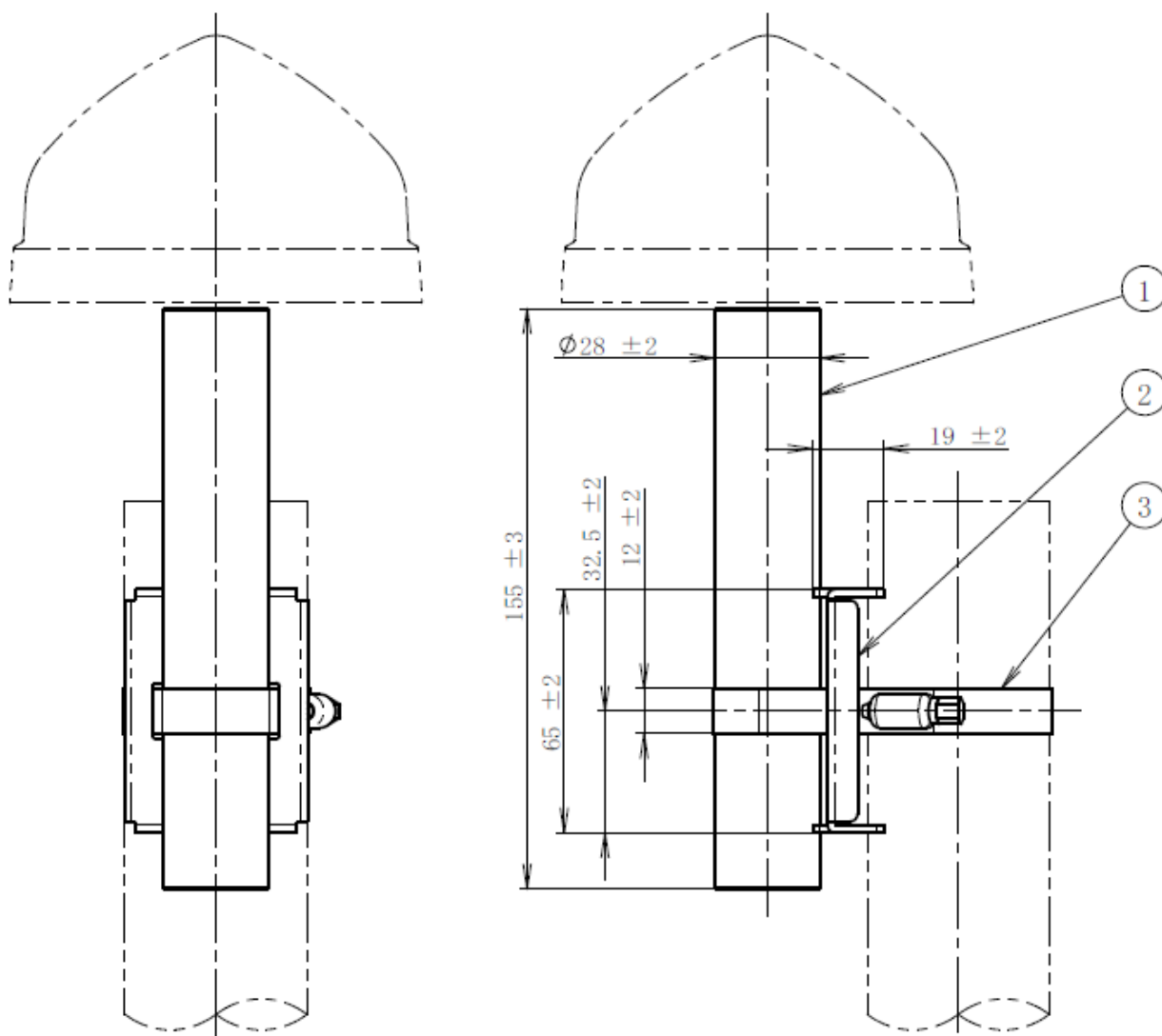
Storage temperature	-40 to +85°C
Storage humidity	20~90% RH or less (Relative humidity)

7 Transport conditions

Transport temperature	According to storage temperature
Transport humidity	According to storage humidity
Maximum stacking number	8 or less stacks

8 Others

RoHS II (10 prohibited substances) compliant



①Pipe, ②Antenna fixing bracket, ③Stainless clamp