

BASE008 A/B/C

Unity Gain Omni Base Station Antenna for 850 MHz band

This meticulously constructed base station antenna with integrated multipurpose mounting bracket comes with a generous bandwidth which reduces the need for multiple antennas both in stock and on installation sites.

- High power antenna design
- No groundplane needed

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Frequency | 790 - 862 MHz, 872 - 960 MHz, 824 - 894 MHz (A/B/C) |
| Bandwidth | A: 72 MHz, B: 88 MHz, C: 70 MHz |
| Antenna Type | Half Wave Dipole |
| Impedance | 50 ohm |
| Vswr | < 1.5:1 |
| Polarisation | Vertical |
| Gain | 0 dBd, 2.1 dBi |
| Radiation Pattern | Omni Directional (Horizontal) |
| Half Power Beamwidth | 78° |
| Electrical Beam-tilt | 0° |
| Max. Input Power | 200 W |
| Antistatic Protection | Direct Ground |



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MECHANICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Color | White, Black and Orange |
| Length | See Outline Drawing |
| Weight | Max. 0.89 kg |
| Mount type | Fixed Tube Mounting Bracket (included). Wall mount Bolts not included. |
| Mounting Place | On Tube (Ø 30 - 60 mm, vertical or horizontal) or Wall mount (mounting hole distance 68.5 mm). |
| Materials | Antenna: Brass, Copper, Fibreglass and Aluminium. Mounting Kit: Stainless steel A4 (AISI-316) |
| Survival Wind Speed | 55 m/s |
| Operating Temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2) |
| Connector | N-female |
| Ingress Protection | IP66 |
| Vibration | IEC 60068-2-6, IEC 60068-2-64 |
| Serial no. | On product label |

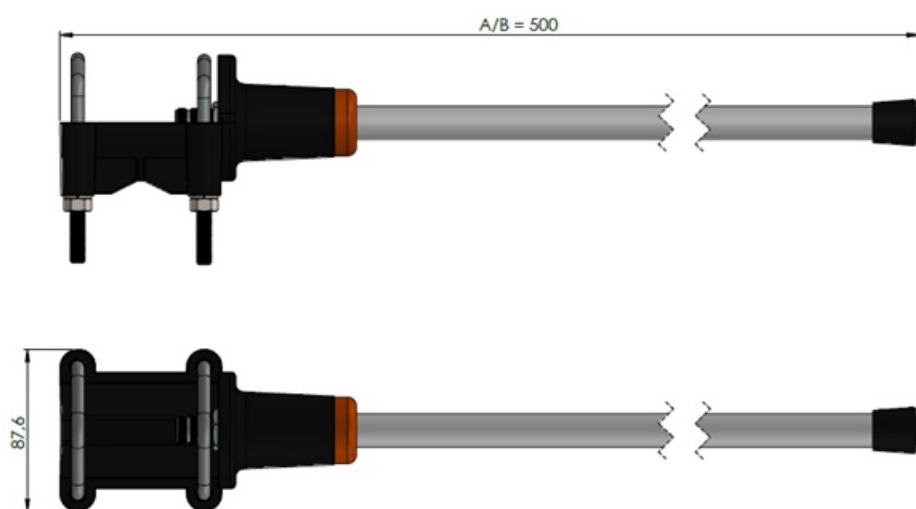


ORDERING INFORMATION

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|------------|---|
| 23008-004A | 790-862 MHz (Individually packing in Carton tube) |
| 23008-004B | 872-960 MHz (Individually packing in Carton tube) |
| 23008-004C | 824-894 MHz (Individually packing in Carton tube) |

PACKAGING INFORMATION

| | |
|------|----------------|
| Type | See "Part No." |
|------|----------------|



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