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BASE004 A/B/C/D/E/F/G/X

Unity Gain Omni Base Station Antenna for the 450 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
- Customer specified center frequency in X version
- No groundplane needed

ELECTRICAL SPECIFICATIONS

| Frequency | 406 - 426 MHz, 420 - 440 MHz, 430 - 450 MHz, 449 - 471 MHz, 468 - 492 MHz, 380 - 400 MHz, 330 - 360 MHz, 330 - 406 MHz- 512 MHz (A/B/C/D/E/F/G/X) |
|-------------------------|---|
| Bandwidth | For X version: Approx. 5 % of the specified Centre Frequency (CF) |
| 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 | 300 W |
| Antistatic Protection | Direct Ground |







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MECHANICAL SPECIFICATIONS

| Color | White, Black and Orange |
|--------------------------|--|
| Length | See Outline Drawing |
| Weight | Max. 1.1 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 |



| 23004-004A | 406-426 MHz (Individually packing in Carton tube) |
|------------|---|
| 23004-004B | 420-440 MHz (Individually packing in Carton tube) |
| 23004-004C | 430-450 MHz (Individually packing in Carton tube) |
| 23004-004D | 449-471 MHz (Individually packing in Carton tube) |
| 23004-004E | 468-492 MHz (Individually packing in Carton tube) |
| 23004-000F | 380-400 MHz (Individually packing in Carton tube) |
| 23004-004G | 330-360 MHz (Individually packing in Carton tube) |
| 23004-004X | 406-512 MHz (Individually packing in Carton tube) |

PACKAGING INFORMATION

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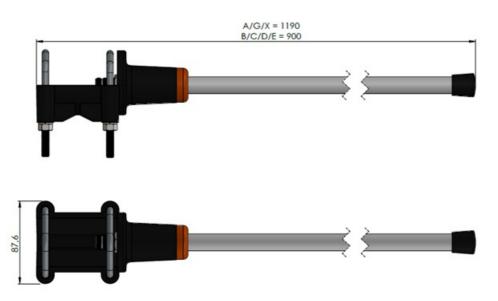






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