

Datasheet 1/4

BASE301 A/B/C/D/E/F/G/H/J/X

3 dBd Gain Base Station Antenna for 150 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	118 - 124 MHz, 124 - 130 MHz, 130 - 136 MHz, 136 - 142 MHz, 142 - 149 MHz, 149 - 156 MHz, 156 - 163 MHz, 163 - 174 MHz, 225 - 218 MHz, 118 - 174 MHz (A/B/C/D/E/F/G/H/J/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	3 dBd, 5.1 dBi,
Half Power Beamwidth	30°
Electrical Beam-tilt	0°
Max. Input Power	150 W
Antistatic Protection	Direct Ground







Datasheet 2/4

MECHANICAL SPECIFICATIONS

White, Black and Orange
See Outline Drawing
Max. 1.7 kg
Fixed Tube Mounting Bracket (included). Wall mount Bolts not included.
On Tube (Ø 30 - 60 mm, vertical or horizontal) or Wall mount (mounting hole distance 68.5 mm).
Antenna: Brass, Copper, Fibreglass and Aluminium. Mounting Kit: Stainless steel A4 (AISI-316)
55 m/s
-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
N-female
IP66
IEC 60068-2-6, IEC 60068-2-64
On product label



P/N	22310-000A: 118-124 MHz (Bulk packing)
P/N	22310-000B: 124-130 MHz (Bulk packing)
P/N	22310-000C: 130-136 MHz (Bulk packing)
P/N	22310-000D: 136-142 MHz (Bulk packing)
P/N	22310-000E: 142-149 MHz (Bulk packing)
P/N	22310-000F: 149-156 MHz (Bulk packing)
P/N	22310-000G: 156-163 MHz (Bulk packing)
P/N	22310-000H: 163-174 MHz (Bulk packing)
P/N	22310-000J: 218-225 MHz (Bulk packing)
P/N	22310-000X: 118-174 MHz (Bulk packing)
P/N	22310-001A/B/C/D/E/F/G/H/J/X (Individually packing in Polybag)
P/N	22310-004A/B/C/D/E/F/G/H/J/X (Individually packing in Carton tube)





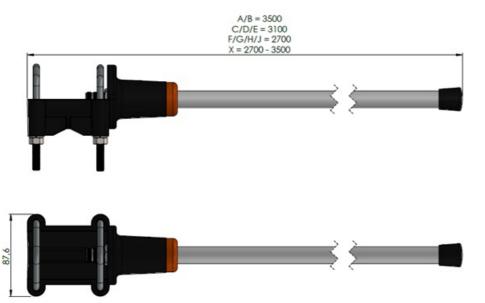


Datasheet 3/4

PACKAGING INFORMATION

Type See "Part No."







Datasheet 4/4

