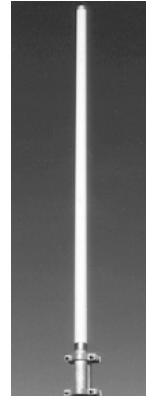


BAO Base station Omni antenna

BAO antenna have been designed with an E-plane radiation pattern with null fill, shaped to provide even signal strength throughout the coverage area. The dipole assembly features high quality brass alloy radiating elements enclosed in a fiberglass weatherproof shroud. The antenna has an aluminum support tube and top cap. The complete assembly is at DC ground for lightning protection.



Part No.	BAO400-3N
Frequency Range *	400-420 MHz
Nominal Gain	3 dBi
VSWR	1.5:1
Bandwidth	15 MHz
Polarization	Vertical
Pattern in Horizontal Plane	Omni-directional
Vertical Beam Width (-3dB/HP points)	14.5°
Electrical Down-tilt Options	0° or 3°
Impedance	50 Ohm
Maximum Carrier Input Power	50 Watts
Termination	N F-Male (Optional N or 7/16 DIN female)
Lightning Protection	DC Ground
Temperature Range	-30° to +60°C
Height	1000 mm
Radome Diameter	20 mm
Weight (excluding mounting brackets)	12.5 Kg
Survival Wind Velocity	200 km/h
Antenna Base Pipe Diameter	20 mm
Mounting Clamps	2 x Type 120 clamps provided

* Please specify frequency band when ordering

Eyecom company policy is one of continuing improvement; therefore we reserve the right to change this specification without notice