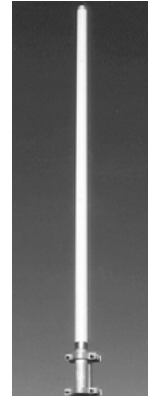


BAO Base station Omni antenna

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.	BAO400-5N
Frequency Range *	400-420MHz
Nominal Gain	5.2 dBi
Bandwidth	20 MHz
Polarization	Vertical
Pattern in Horizontal Plane	Omni-directional
Vertical Beam width (-3dB/HP points)	8°
Impedance	50 Ohm
Maximum Carrier Input Power	100 Watts
VSWR	≤1.5
Termination	N Male
Lightning Protection	DC Ground
Temperature Range	-40° to +60°C
Height	1280 mm
Radome Diameter	25 mm
Survival Wind Velocity	160 km/h
Antenna Base Pipe Diameter	40 mm
Mounting Clamps	2 × Type M10 clamps (Hot-dip galvanized)

* 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