



ACCESSORIES +

US/CANADA ANTENNAS WIFI BANDS

PCTEL Antenna's for use with ELPRO Wifi products

LOW PROFILE ANTENNA

PCTEL's The BOA omni-directional base station antenna design utilizes a linear array, encapsulated in a heavy-duty fiberglass radome with a thick-walled mounting base for reliable, long term use. This rugged design withstands harsh environments, making the antennas ideal for Industrial Wireless and Military applications. The antennas in this series are DC grounded for ESD protection of radio components.

PCTEL's directional Yagi are field adjustable for vertical or horizontal polarization with matched principal plane beam-widths for optimum performance in either orientation. This design also provides improved front-to-back ratio and side-lobe suppression that reduces interference. All antennas are factory tuned, UPS shippable.



SPECIFICATIONS

Parameters	BOA24006NF	BOA24008NF	BOA24010NF	BOA58010NF	WISP24015PTNF
Frequency	2.4-2.5Ghz	2.4-2.5Ghz	2.4-2.5Ghz	5.7-5.8Ghz	2.4-2.48Ghz
Gain	6dBi	8dBi	10dBi	10dBi	15dBi
H-Plane	Omni (360°)	Omni (360°)	Omni (360°)	Omni (360°)	30°
E-Plane	28°	15°	9°	10°	30°
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Polarization	Vertical, Linear	Vertical, Linear	Vertical, Linear	Vertical, Linear	Vertical or Horizontal
Termination	Bulkhead N-type female	Bulkhead N-type female	Bulkhead N-type female	Bulkhead N-type female	N-type female-18"RG58 Tail
Housing	Black UV Stabilized Fiberglass / aluminium	Black UV Stabilized Fiberglass / aluminium	Black UV Stabilized Fiberglass / aluminium	Black UV Stabilized Fiberglass / aluminium	Weather-proof UV Stabilized Radome
Mounting	0.825" OD ø	0.825" OD ø	0.825" OD ø	0.825" OD ø	up to 2" OD ø
Wind Loading (Lateral Thrust) at 125mph (200kph)	3.41lbf-ft	5.25lbf-ft	6.81lbf-ft	4.83lbf-ft	18.3lbf-ft
Bracket Included	No	No	No	No	Yes HD mount bracket
Dimensions					
Size (length)	0.85"x15" (2.1x38.1cm)	0.85" x 19.4" (2.1x49.3cm)	0.85"x25.3" (2.1x64.4cm)	0.85"x17.9" (2.1x45.5cm)	14"x3" (35.6x7.6cm)
Weight	0.38 lbs (176g)	0.45 lbs (203g)	0.52 lbs (235g)	0.43 lbs (194g)	1 lbs (500g)



HOW TO ORDER **Note: Shipping to other countries, also available - Contact US Sale Team for details**

Order Codes

ANTBOA24006NF	Heavy Duty Omni Antenna, 2.4-2.5Ghz, 6dBi Gain, 15" (38cm), Bulkhead N-Type female, Mount not included
ANTBOA24008NF	Heavy Duty Omni Antenna, 2.4-2.5Ghz, 8dBi Gain, 15" (38cm), Bulkhead N-Type female, Mount not included
ANTBOA24010NF	Heavy Duty Omni Antenna, 2.4-2.5Ghz, 10dBi Gain, 15" (38cm), Bulkhead N-Type female, Mount not included
ANTBOA58010NF	Heavy Duty Omni Antenna, 5.7-5.8Ghz, 10dBi Gain, 15" (38cm), Bulkhead N-Type female, Mount not included
ANTWISP24015PTNF	Directional Yagi Antenna, 2.4-2.5Ghz, 15dBi Gain, 14"x3" (36 x 8cm), N-type female-18"RG58 Tail, Mount included
ANT-BR-BAM1009	Mast Mount for mounting of Yagi antennas to Mast to either Parallel or Perpendicular pipe or Mast - 1.5 to 2.4" OD ø.

CONTACT

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