

A-BASE BROAD BANDS & COLLINEARS

The **ANTENEX**® "A-Base" style antenna offers a durable mounting chassis that supports a wide range of rod styles, frequencies, and gain choices. The "A-Base" features rugged ABS body and a triple-chrome plated ferrule. The base contact is a highly reliable gold plated push pin design.



A800, AB450, A4503, AB4503C, AB8063, A8063C
Inset: Tuning Ferrule, Inset: Gold Contact

Model **Frequency** **Gain** **Radiator**

RUGGED BROADBAND QUARTERWAVE MODELS

Chrome Models

AFT	118-896 MHz	Unity	0.100" Dia. 1/4 Wave
A150	150-174 MHz	Unity	0.100" Dia. 1/4 Wave
A450	450-470 MHz	Unity	0.100" Dia. 1/4 Wave
A470	470-490 MHz	Unity	0.100" Dia. 1/4 Wave
A800	800-896 MHz	Unity	0.100" Dia. 1/4 Wave
Axxx	Factory Tuned (xxx = your center frequency)		

Chrome Models With Spring add.

Black Models

ABFT	118-896 MHz	Unity	0.100" Dia. 1/4 Wave
AB150	150-174 MHz	Unity	0.100" Dia. 1/4 Wave
AB450	450-470 MHz	Unity	0.100" Dia. 1/4 Wave
AB470	470-490 MHz	Unity	0.100" Dia. 1/4 Wave
AB800	800-896 MHz	Unity	0.100" Dia. 1/4 Wave
ABxxx	Factory Tuned (xxx = your center frequency)		

Black Models With Spring add.

Note: 800 and 900 MHz models are not available with a spring.

UHF COLLINEARS

Chrome Models

A4503	450-470 MHz	3.5 dB	Open Collinear
A4703	470-490 MHz	3.5 dB	Open Collinear
A4903	490-512 MHz	3.5 dB	Open Collinear
A4063C	406-430 MHz	3.5 dB	Closed Collinear
A4303C	430-450 MHz	3.5 dB	Closed Collinear
A4503C	450-470 MHz	3.5 dB	Closed Collinear
A4703C	470-490 MHz	3.5 dB	Closed Collinear
A4903C	490-512 MHz	3.5 dB	Closed Collinear

Black Models

AB4503	450-470 MHz	3.5 dB	Open Collinear
AB4703	470-490 MHz	3.5 dB	Open Collinear
AB4903	490-512 MHz	3.5 dB	Open Collinear
AB4063C	406-430 MHz	3.5 dB	Closed Collinear
AB4303C	430-450 MHz	3.5 dB	Closed Collinear
AB4503C	450-470 MHz	3.5 dB	Closed Collinear
AB4703C	470-490 MHz	3.5 dB	Closed Collinear
AB4903C	490-512 MHz	3.5 dB	Closed Collinear

Ordering Guide - Clear, Easy & Sensible!

AB4503CS = Low profile base, black, 450-470 MHz, 3.5 dB, closed coil, spring.

A	Antenna Style	A = Low Profile Base
B	Finish	Blank = Chrome Finish B = Black Finish
450	Frequency	Frequency component of part number in bold below: xxx = Specify Center Frequency, FT = Field Tunable 118-512 150-174 450-470 470-490 490-512 806-896 896-970
3	Gain	0 = Unity Gain 3 = 3 dB or 3.5 dB 5 = 5 dB
C	Coil Option	Blank = Straight Rod or Open coil C = Closed Phasing Coil CT = Closed Trilinear Phasing Coil
S	Spring Option	S = Spring Option

Model **Frequency** **Gain** **Radiator**

800/900 MHz ANTENNAS

Chrome Models

A8063	806-896 MHz	3 dB	Open Collinear
A8963	896-970 MHz	3 dB	Open Collinear
A8063C	806-896 MHz	3.5 dB	Closed Collinear
A8963C	896-970 MHz	3.5 dB	Closed Collinear
A8065CT	806-896 MHz	5 dB	Closed Trilinear
A8965CT	896-970 MHz	5 dB	Closed Trilinear

Black Models

AB8063	806-896 MHz	3 dB	Open Collinear
AB8963	896-970 MHz	3 dB	Open Collinear
AB8063C	806-896 MHz	3.5 dB	Closed Collinear
AB8963C	896-970 MHz	3.5 dB	Closed Collinear
AB8065CT	806-896 MHz	5 dB	Closed Trilinear
AB8965CT	896-970 MHz	5 dB	Closed Trilinear

800/900 MHz ANTENNAS WITH SPRING

Chrome Models

A8063S	806-896 MHz	3 dB	Open Collinear
A8963S	896-970 MHz	3 dB	Open Collinear
A8063CS	806-896 MHz	3.5 dB	Closed Collinear
A8963CS	896-970 MHz	3.5 dB	Closed Collinear
A8065CTS	806-896 MHz	5 dB	Closed Trilinear
A8965CTS	896-970 MHz	5 dB	Closed Trilinear

Black Models

AB8063S	806-896 MHz	3 dB	Open Collinear
AB8963S	896-970 MHz	3 dB	Open Collinear
AB8063CS	806-896 MHz	3.5 dB	Closed Collinear
AB8963CS	896-970 MHz	3.5 dB	Closed Collinear
AB8065CTS	806-896 MHz	5 dB	Closed Trilinear
AB8965CTS	896-970 MHz	5 dB	Closed Trilinear

ACCESSORIES

AS	Low Profile Base Chrome Spring w/Key & Set Screw
ASB	Low Profile Base Black Spring w/Key & Set Screw

Technical Data - Product Features & Information

- **Gain:** See model.
- **Frequency Range:** See model.
- **VSWR:** <1.5:1
- **Maximum Power:** 200 watts
- **Bandwidth:** VHF - up to 25 MHz (with spring), UHF/800/900 - 100 MHz+
- **Impedance:** 50 ohms
- **Mounting Base:** High temperature molded ABS with threaded brass insert.
- **Radiator:** Type 302 stainless steel with a brite drawn or black chrome plate finish for .062" diameter rods. 17-7ph stainless steel with a centerless ground finish or black chrome plate for all other models.
- **Brass Fittings:** Highly polished brite or black chrome plated ferrule
- **Contacts:** Gold plated push pin contact on A style.