

LAND MOBILE RADIO



A8063C

A-Base

- Quarterwave, Collinear or Broad Band options
- Exclusive Laird Technologies gold-plated push-pin contact provides the most corrosion resistance and power transfer over time
- Long tuning ferrule allows for greater freedom in frequency adjustment without trimming

Dual Band & Special Applications

- Built in O-ring provides weather-tight seal
- Dual-band is only 38" tall



C150/
450CS

Q27S

Model	Frequency	Color	Gain	Radiator
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VHF Models

AFT	118 - 896 MHz	Chrome	Unity	0.100" Dia. 1/4 Wave
ABFT	118 - 896 MHz	Black	Unity	0.100" Dia. 1/4 Wave
A150	150 - 174 MHz	Chrome	Unity	0.100" Dia. 1/4 Wave
AB150	150 - 174 MHz	Black	Unity	0.100" Dia. 1/4 Wave

UHF Models

A450	450 - 470 MHz	Chrome	Unity	0.100" Dia. 1/4 Wave
AB450	450 - 470 MHz	Black	Unity	0.100" Dia. 1/4 Wave
A4503	450 - 470 MHz	Chrome	3.5 dB	Open Collinear
A4503C	450 - 470 MHz	Chrome	3.5 dB	Closed Collinear
AB4503	450 - 470 MHz	Black	3.5 dB	Open Collinear
AB4503C	450 - 470 MHz	Black	3.5 dB	Closed Collinear

800 MHz Antennas

A8063	806 - 896 MHz	Chrome	3 dB	Open Collinear
A8963	896 - 970 MHz	Chrome	3 dB	Open Collinear
A8063C	806 - 896 MHz	Chrome	3.5 dB	Closed Collinear
A8065CT	806 - 896 MHz	Chrome	5 dB	Closed Trilinear
AB8065CT	806 - 896 MHz	Black	5 dB	Closed Trilinear
AB8063	806 - 896 MHz	Black	3 dB	Open Collinear
AB8963	896 - 970 MHz	Black	3 dB	Open Collinear
AB8063C	806 - 896 MHz	Black	3.5 dB	Closed Collinear

800 MHz Models with Spring

A8063S	806 - 896 MHz	Chrome	3 dB	Open Collinear
A8063CS	806 - 896 MHz	Chrome	3.5 dB	Closed Collinear
A8065CTS	806 - 896 MHz	Chrome	5 dB	Closed Trilinear
AB8063S	806 - 896 MHz	Black	3 dB	Open Collinear
AB8063CS	806 - 896 MHz	Black	3.5 dB	Closed Collinear
AB8065CTS	806 - 896 MHz	Black	5 dB	Closed Trilinear

Springs

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

Model	Color	Frequency	Gain	Phasing Coil
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Dual Band & Special Applications

Chrome Models

A150/450C	Chrome	150-174/450-470	Unity	Closed coil trap
C144/440C	Chrome	144-148/440-450	2/5 dB	Closed coil collinear
C150/450C	Chrome	150-174/450-470	2/5 dB	Closed coil collinear
C144/440CS	Chrome	144-148/440-450	2/5 dB	Closed coil collinear w/Spring
C150/450CS	Chrome	150-174/450-470	2/5 dB	Closed coil collinear w/Spring
AB150/450C	Black	150-174/450-470	Unity	Closed coil trap
CB144/440C	Black	144-148/440-450	2/5 dB	Closed coil collinear
CB150/450C	Black	150-174/450-470	2/5 dB	Closed coil collinear
CB144/440CS	Black	144-148/440-450	2/5 dB	Closed coil collinear w/Spring
CB150/450CS	Black	150-174/450-470	2/5 dB	Closed coil collinear w/Spring

Disguise Antennas (Cellular Look-alike)

Chrome Models

AD150	Chrome	150-174 MHz		Short 1/4 Wave
AD450	Chrome	450-470 MHz		Short 1/4 Wave

Black Models

ADB150	Black	150-174 MHz		Short 1/4 Wave
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Scanner Antennas

Chrome Model

ASCANC	Chrome	150/450/800	Rx Only	Closed Collinear
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Black Model

ABSCANC	Black	150/450/800	Rx Only	Closed Collinear
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AS	Chrome Spring for above add...
ASB	Black Spring for above add...

Model	Finish	Frequency	Gain	Overall Length	Whip Style
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Unity Gain Models

Stainless Models					
QZ75	Stainless	27 - 54 MHz	Unity	102	1/4 Wave
QW***	Stainless	Customer Specified	Unity	Customer Spec.	1/4 Wave
QW136	Stainless	136 - 144 MHz	Unity	22	1/4 Wave
QW144	Stainless	144 - 152 MHz	Unity	19	1/4 Wave
QW152	Stainless	152 - 162 MHz	Unity	18	1/4 Wave
QW162	Stainless	162 - 174 MHz	Unity	17	1/4 Wave
QW220	Stainless	220 - 225 MHz	Unity	12.5	1/4 Wave
QW406	Stainless	406 - 430 MHz	Unity	7	1/4 Wave
QW430	Stainless	430 - 450 MHz	Unity	6.5	1/4 Wave
QW450	Stainless	450 - 470 MHz	Unity	6	1/4 Wave
QW470	Stainless	470 - 490 MHz	Unity	5.75	1/4 Wave
QW490	Stainless	490 - 512 MHz	Unity	5.5	1/4 Wave
QW800	Stainless	806 - 896 MHz	Unity	3.3	1/4 Wave
QW900	Stainless	896 - 970 MHz	Unity	3	1/4 Wave
QWFT120	Stainless	118 - 970 MHz	Unity	24	1/4 Wave

Black Models					
QWB***	Black	Customer Specified	Unity	Customer Spec.	1/4 Wave
QWB136	Black	136 - 144 MHz	Unity	22"	1/4 Wave
QWB144	Black	144 - 152 MHz	Unity	19"	1/4 Wave
QWB152	Black	152 - 162 MHz	Unity	18"	1/4 Wave
QWB162	Black	162 - 174 MHz	Unity	17"	1/4 Wave
QWB220	Black	220 - 225 MHz	Unity	12.5"	1/4 Wave
QWB406	Black	406 - 430 MHz	Unity	7"	1/4 Wave
QWB430	Black	430 - 450 MHz	Unity	6.5"	1/4 Wave
QWB450	Black	450 - 470 MHz	Unity	6"	1/4 Wave
QWB470	Black	470 - 490 MHz	Unity	5.75"	1/4 Wave
QWB490	Black	490 - 512 MHz	Unity	5.5"	1/4 Wave
QWB800	Black	806 - 896 MHz	Unity	3.3"	1/4 Wave
QWB900	Black	896 - 970 MHz	Unity	3"	1/4 Wave
QWFTB120	Black	118 - 970 MHz	Unity	24	1/4 Wave

3 dB Gain Models

Stainless Models					
QW8063	Stainless	806 - 866 MHz	3 dB	16.25	Open Coil Flexible
QW8253	Stainless	825 - 896 MHz	3 dB	15.5	Open Coil Flexible
QW8963	Stainless	896 - 970 MHz	3 dB	14.5	Open Coil Flexible

Black Models					
QWB8063	Black	806 - 866 MHz	3 dB	16.25	Open Coil Flexible
QWB8253	Black	825 - 896 MHz	3 dB	15.5	Open Coil Flexible
QWB8963	Black	896 - 970 MHz	3 dB	14.5	Open Coil Flexible

Accessories

QWNUT	Quarterwave Nut - Chrome
QWNUTB	Quarterwave Nut - Black
QWRC	Quarterwave Rain Cap - Chrome
QWRCB	Quarterwave Rain Cap - Black

Model	Frequency
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NMO Mount MODELS

Ground Plane	
DISC806M	806-866 MHz
DISC824M	824-896 MHz

Self Adhesive Models with Pigtail Jumper

No Ground Plane		
DISC2400PNSM	Black	2400-2500 MHz
DISCW2400PNSM	White	2400-2500 MHz

QWB800

Quarterwave

QW450

- All Quarterwaves are built with gold plated contacts for corrosion resistance and best power transfer
- Stand-up™ grommet will not degrade over time
- High spring temper rod stays straighter longer
- Stainless steel corona ball stays on the rod - no dissimilar metal interaction associated with competitor designs



Gold Plated Contact



Discadoo®

- Low profile with big performance
- Low angle omni-directional radiation provided by Planar-Inverted-F antenna design