

Childs Antennas

2007 Customer Price Guide



25-60MHz "LB" Series Low Band Mobile Antennas

Design: base loaded 1/4 wave, shunt fed D.C. ground. Gain: unity/0dB Power: 100 watts
Bandwidth: .8 MHz @ VSWR 1.5:1 Impedance: 50 ohms Length: .54" at lowest frequency
Mounting: "NMO" 1-1/8"-18 threads Radiator: .49".100" diameter tapered #17-7 stainless whip.
Construction: High Impact/UVstabilized ABS plastic coil form and cover, plated brass fittings, #18-8 stainless hardware, neoprene seals, soldered internal coil connections.

Frequency Ranges: 25-30MHz (CB), 30-36MHz, 36-42MHz, 42-50MHz, 47-60MHz

Order "LB+frequency" low band antenna Retail: \$34.00 Our Price: \$28.00

Order "LBS+frequency" with shock spring Retail: \$42.00 Our Price: \$34.00

Please Select One of Five Frequency Ranges (See above)



118-512 MHz "3DB" Series Gain Mobile Antennas

Design: base loaded 5/8 wave. Gain: 3dB Power: 200 watts
Bandwidth: 4 MHz (VHF), 10MHz (UHF) @ VSWR 1.5:1 Impedance: 50 ohms
Length: .52" (VHF) .34" (UHF) @ lowest frequency. Mounting: "NMO" 1-1/8"-18 threads.
Radiator: .49" (VHF) .30" (UHF) .100" diameter tapered #17-7 stainless whip.
Construction: High Impact/UVstabilized ABS plastic coil form and cover, plated brass fittings, #18-8 stainless hardware, neoprene seals, and soldered internal coil connections.

**Frequency Ranges: 118-144 MHz, 138-174 MHz, 220-225 MHz,
430-450 MHz, 450-470 MHz, 490-512 MHz**

Order "3DB+frequency" gain antenna Retail: \$30.00 Our Price: \$24.00

Order "3DBS+frequency" with shock spring Retail: \$38.00 Our Price: \$29.00

Please Select One of Six Frequency Ranges



406-512 MHz "5DB" Series High Gain Mobile Antennas

Design: 5/8 wave collinear. Gain: 5dB Power: 200 watts Bandwidth: 9 MHz @ VSWR 1.5:1
Impedance: 50 ohms Length: .30" at 450MHz Mounting: "NMO" 1-1/8"-18 threads.
Radiator: enclosed coil phasing, .100" diameter #17-7 stainless.
Construction: High Impact/UVstabilized ABS plastic base, plated brass fittings, #18-8 stainless hardware.
Note: also available "HD" model one piece whip radiator, with a chrome sleeve phasing element.

Frequency Ranges: 430-450MHz, 450-470MHz, 470-490MHz, 490-512MHz

Order "5DB+frequency" high gain antenna Retail: \$34.00 Our Price: \$28.00

Order "5DBS+frequency" with shock spring Retail: \$42.00 Our Price: \$34.00

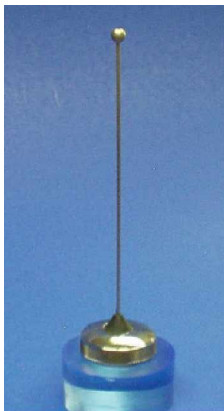
Please Select One of Four Frequency Ranges

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118-970 MHz "QC" Series Quarterwave Chrome Mobile Antennas

Design: economical factory tuned 1/4 wave length. Gain: unity/0dB Power: 200 watts

Bandwidth: 10 MHz (VHF), 20 MHz (UHF), 50 MHz (740-970) @ VSWR 1.5:1

Length: 24" @ 118 MHz, 18" @ 155 MHz, 6" @ 460 MHz, 3" @ 836 MHz

Mounting: "NMO" 1-1/8"-18 threads. Radiator: .062" diameter stainless whip.

Construction: chrome plated brass base, injection molded rubber insulator/seal.

"QCT" model has a 21" whip and a set screw secured whip ball.

Frequency Ranges: 118-125 MHz, 144-151 MHz, 151-162 MHz, 162-174 MHz, 220-225 MHz, 430-450MHz, 450-470MHz, 490-512MHz, 740-790MHz, 806-896MHz, 900-970MHz

Order "QC+frequency" factory tuned antenna **Retail: \$8.00 Our Price: \$6.00**

Order "QCT" adjustable tuning antenna **Retail: \$12.00 Our Price: \$9.00**

Please Select One of Eleven Frequency Ranges When Ordering



138-512 MHz "Q" Series Quarterwave Mobile Antennas

Design: field adjustable 1/4 wave length Gain: unity/0dB Power: 200 watts

Bandwidth: 10 MHz (VHF), 20 MHz (UHF) @ VSWR 1.5:1

Length: 19" @ 150 MHz Mounting: "NMO" 1-1/8"-18 threads.

Radiator: 21" .072" diameter #17-7 stainless whip and .100" diameter on shock spring models.

Construction: High Impact/UV stabilized ABS base, plated brass fittings, #18-8 stainless hardware.

Order "Q" 1/4 wave mobile antenna **Retail: \$15.00 Our Price: \$12.00**

Order "QS" with shock spring **Retail: \$26.00 Our Price: \$19.00**

No charge Factory Tuning a Value Added Service



740-970 MHz Series Gain Mobile Antennas

Design: 5/8 wave collinear. Gain: 3dB or 5dB Power: 200 watts.

Bandwidth: 50 MHz @ VSWR 1.5:1 Impedance: 50 ohms Length: 16" @ 836 MHz.

Mounting: "NMO" 1-1/8"-18 threads. Radiator: enclosed coil phasing, .100" diameter #17-7 stainless.

Construction: ABS injection molded base, plated brass fittings, #18-8 stainless hardware, neoprene seals,

Frequency Ranges: 740-790 MHz, 806-870 MHz, 824-896MHz, 896-970 MHz

Order "3DBC+frequency" open coil phasing **Retail: \$15.00 Our Price: \$12.00**

Order "3DB-SL+frequency" enclosed phasing **Retail: \$26.00 Our Price: \$19.00**

Order "5DB+frequency" high gain antenna **Retail: \$34.00 Our Price: \$28.00**

Please Select One of Four Frequency Ranges

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3/4" Hole Permanent Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, all brass, soldered lug, silver plated contact.

Includes: 17 feet RG58U (solid center) cable and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK 3/4" with connector **Retail: \$16.00** **Our Price: \$12.00**

Order "MK 3/4 -C" minus connector **Retail: \$14.00** **Our Price: \$11.00**

Please Select 2-Way Radio Connector Type



Trunk Lip Low Profile Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, plated brass and stainless steel, neoprene cushion.

Includes: 17 feet RG58A/U (stranded center) cable, and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK TL" with connector **Retail: \$24.00** **Our Price: \$18.00**

Order "MK TL -C" minus connector **Retail: \$22.00** **Our Price: \$16.00**

Please Select 2-Way Radio Connector Type



Thick Roof 5/8" Hole Permanent Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, plated brass, 5/8" hole, up to 1/2" thick surfaces, shielded connection. Includes: 17 feet RG58U (solid center) cable, and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK TR" with connector **Retail: \$18.00** **Our Price: \$13.00**

Order "MK TR -C" minus connector **Retail: \$16.00** **Our Price: \$11.00**

Please Select 2-Way Radio Connector Type



Magnetic Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, 3.2" or 5" diameter magnet, plated brass and steel, conductive foil bottom enhances capacity to ground.

Includes: 12 feet of RG58A/U (stranded center) cable, and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK MAG" with connector **Retail: \$26.00** **Our Price: \$19.00**

Order "MK MAG -C" minus connector **Retail: \$24.00** **Our Price: \$18.00**

Order "MK MAG 5" with connector **Retail: \$34.00** **Our Price: \$28.00**

Please Select 2-Way Radio Connector Type

Childs Antennas will customize your antennas and mount kits as a Value Added Service

Cable length, cable type, connectors installed, factory tuning, private label, or anything you may require. Let us provide you with what you want.

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Hood/Fender Bracket Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, plated brass fittings, stainless bracket and hardware.

Includes: 12 feet RG58U (solid center) cable, and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK HF" with connector Retail: \$20.00 Our Price: \$16.00

Order "MK HF-C" minus connector Retail: \$18.00 Our Price: \$13.00

Please Select 2-Way Radio Connector Type



Mirror Bracket Mobile Antenna Mount Kits

Features: "NMO" 1-1/8"-18 thread mount, plated brass fittings, stainless bracket and hardware, and fits masts up to 1 inch in diameter. Includes: 12 feet RG58U (solid) cable, and choice of connector.

Available Connectors: BNC, FME, Mini-UHF, PL259A (field installable), PL259C (crimp), PL259+UG175 (solder on), SMA, TNC, (N-Male \$2.00 extra)

Order "MK MM" with connector Retail: \$30.00 Our Price: \$24.00

Order "MK MM-C" minus connector Retail: \$28.00 Our Price: \$21.00

Please Select 2-Way Radio Connector Type



Mobile Antenna to Base Antenna Mount Kits

Features: Converts mobile antennas to base antenna applications. "NMO" 1-1/8"-18 thread mount, plated brass fittings, stainless steel bracket and hardware, works on masts up to 1 inch in diameter. Covers frequencies 118-970 MHz Includes: four 24" .062" diameter stainless radials, with an SO239 (UHF-female) or Type N-Female connector on the underside of this mount.

Order "MK BASE" Retail: \$35.00 Our Price: \$28.00

Please Select Type UHF -female/SO-239 or Type N-female

2-Way Radio Connector Identification / Selection Chart



PL-259 "P"
+UG175

PL-259 "A"
field installable

PL-259 "C"
Crimp

N-Male

TNC-Male

BNC-Male

Mini-UHF

SMA-Male

(Additional models available upon request)

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Dual Band and Tri-band Mobile Antennas

Dual Band Frequency Splits: 144/440 MHz, 150/450 MHz, 160/460 MHz Unity gain

Tri-band Frequency Bands: 150-160MHz 450-470MHz 806-896MHz Unity gain

Construction: High Impact/UV ABS coil and cover, plated brass fittings, #18-8 stainless hardware, .100" diameter #17-7 stainless radiators, and neoprene seals.

Order "DB+frequency" dual band antenna **Retail: \$30.00 Our Price: \$24.00**

Order "DBS+frequency" with shock spring **Retail: \$38.00 Our Price: \$29.00**

Order "TBS" tri-band with shock spring **Retail: \$42.00 Our Price: \$31.00**

Please Specify Frequency Splits When Ordering



"NEW" 406-970 MHz "LPA" Series Low Profile Mobile Antennas

Design: factory tuned helical radiator Gain: 2.5 dB with ground plane.

Bandwidth: 10MHz (406-512MHz Band) @ VSWR 1.5:1 , 35 MHz (740-970MHz) @ VSWR 1.5:1
power: 100 watts. Mounting: "NMO" 1-1/8"-18 threads. Length: 2.50" @ UHF, 2.1" @ 800 MHz.

Construction: ABS molded cover, plated brass fittings, and plunger pin contact.

Frequency Ranges: 406-512 MHz, 740-790 MHz, 806-866 MHz, 824-896 MHz, 900-970 MHz

Order "LPA+frequency" low profile antenna **Retail: \$26.00 Our Price: \$19.00**

Please Specify Operating Frequency When Ordering

25-970 MHz Rugged Duck Portable Radio Antennas



Quality materials, factory tuning and innovative designs make the RUGGED DUCKIE a fine choice. Childs produces a large selection of portable antennas. Call and let our technical services assist you in selecting the best antenna.

	BN - BNC Male
	HT - 5/16-32 X 1/2
	KR - 5/16-32 x 3/8
	MX - 1/4-32 x 3/16
	MD - 7M x 1.0 metric
	MR - 12-28 Female
	PE - 7/16-40 Female
	PL - PL259
	TN - TNC Male
	SF - SMA Female
	SM - SMA Male

Order "D+connector +frequency" HT, KR, MX, MD,MR,PE **Retail: \$12.00 Our Price: \$9.00**

Order "D+connector +frequency" BN, PL, TN, SF, SM **Retail: \$15.00 Our Price: \$11.00**

Order "D+special +frequency" all low band and gain models **Retail: \$26.00 Our Price: \$19.00**

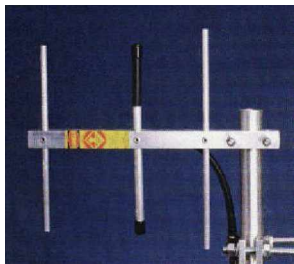
Ask for Assistance when ordering (Note Radio Model and Frequency)

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Yagi Directional Base Station Antennas

Features: 6061-T6 aluminum boom and elements, weatherproof matching network. Rated Wind Velocity 100 +MPH. Dependable
Performance: Simple assembly for easy installation. Worry-free, time-proven design. Factory tuned for lowest VSWR.

Also available from 46-118 MHz! Please call for assistance.

Yagi	Order Models	YAGI 1503	Yagi 2203	YAGI 4503	Yagi 450	Yagi 8063 7403/9003	Yagi 800 740/900
	Frequency Ranges	144-174MHz	220-225MHz	406-512MHz	406-512MHz	740-960MHz	740-960MHz
Number of Elements		3	3	3	6	3	10
Gain (over a 1/2 wave dipole)		7dBd	7dBd	7dBd	9dBd	7dBd	10dBd
Band Width (1.5:1 VSWR)		4MHz	12MHz	20MHz	20MHz	64MHz	54MHz
Vertical (horizontal) Beam Width		60°(86°)	60°(86°)	60°(86°)	48°(60°)	60°(86°)	45°(55°)
Power Rating		300 Watt	300 Watt	300 Watt	300 Watt	150 Watt	150 Watt
Feed Connection		SO-239	SO-239	SO-239	SO-239	N Female	N Female
Length		36.5 in.	27 in.	22 in.	31.5 in	16 in.	31.5 in.
Shipping Weight		5 pounds	3 pounds	3 pounds	4 pounds	3 pounds	4 pounds
		Retail: \$80.00	\$60.00	\$60.00	\$100.00	\$60.00	\$100.00
		Our Price: \$65.00	\$45.00	\$45.00	\$75.00	\$45.00	\$75.00



Fiberglass Omni-Directional Base Station Antennas

Features: These omni-directional antennas combine the superior electrical performance of an end-fed collinear with high strength slim profile fiberglass. These base antennas are UPS shippable (Oversize #2 Rate)

Base Station	Order Models	Base LB Factory Tuned	VHF BASE 6 Models 118,144,151 157,164,220	UHF BASE 7Models 406 430,440,450 460,470,490	740/806/900 MHz Base
	Frequency Ranges	27-88 MHz	118-225 MHz	406-512 MHz	740-960 MHz
Gain (over a 1/2 wave dipole)		Unity	3dBd	5dBd	6dBd
Band Width (1.5:1 VSWR)		1.4MHz	6MHz	10MHz	50MHz
Max Power		250 Watts	250 Watts	250 Watts	250 Watts
Vertical Beam Width		75°	36°	18°	17°
Termination		UHF-Female	UHF-Female	UHF-Female	N-Female
Length		80-206 in.	105 in.	80 in.	54 in.
Lightning Protection		DC Ground	DC Ground	DC Ground	DC Ground
Shipping Weight		9 pounds	9 pounds	7 pounds	7 pounds
		Retail: \$238.00	\$198.00	\$198.00	\$158.00
		Our Price: \$189.00	\$169.00	\$169.00	\$129.00

Terms of Sale

Childs Antennas products, are sold only by approved dealers and distributors. No minimum order required. We accept cash, checks, Visa, Master Card and with approved credit, Net 15 days. Prices are subject to change without notice. Products are shipped via. UPS or U.S. Mail. Shipping is charged by weight and destination. Childs Antennas have a five year replacement warranty. Return authorization is requested. Childs has designed and manufactured rugged-reliable 2-way radio antennas for over 25 years. For quality antennas, customized products and technical assistance choose Childs Antennas from Falcon Direct!

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