

Diamond Base Station/Repeater Antennas

Model Number	Band	Stacked Element Phasing/Wavelength	Gain/dB	Watts	Conn. Type	Wgt. Lbs.	Lgth. Foot	Wind MPH	Amat. Net
Monoband Base & Repeater Antennas 144 MHz — 440 MHz — 1240 MHz — 2400 MHz									
CP22E ⁶	2m	2-5/8λ	6.5	200	UHF	3	9.0	70	54.95
F22A	2m	2-7/8λ	6.7	200	UHF	5	10.5	112	94.95
F23H ¹²	144-174 MHz	3-5/8λ	7.8	350	UHF	8	15.0	90	148.95
F718A	70cm	18-1/2λ 438-450 MHz	11.5	250	N	5	15.0	90	209.95
F1230All	23cm	14-5/8λ	13.8	100	N	4	11.5	112	159.95
F2405L	2400 MHz	6-1/2λ	5	10	N	1.6	23"	135	110.00
F2407L	2400 MHz	8-1/2λ	7	10	N	1.7	28"	135	123.00
F2409L	2400 MHz	10-1/2λ	9	10	N	1.8	35"	135	143.00
G200	2400 MHz	19-1/2λ	11.0	10	N	3	6	135	214.95
◆ BC103	143-176 MHz	1/2λ-5/8λ Radialess	2.5-3.2	300	UHF	2.8	4.1	135	149.95
◆ BC920	902-928 MHz	5-5/8λ	9.3	100	N	2	5.9	135	114.95

Dualband Base & Repeater Antennas 144 / 222 MHz — 144 / 440 MHz — 440 / 1240 MHz									
X30A	2m/70cm	1-1/2λ, 2-5/8λ	3.0/5.5	150	UHF	2	4.5	135	\$69.95
X50A	2m/70cm	3-1/4λ, 3-5/8λ	4.5/7.2	200	UHF	3	5.6	135	94.95
X50NA	2m/70cm	3-1/4λ, 3-5/8λ	4.5/7.2	200	N	3	5.6	135	94.95
X200A	2m/70cm	2-5/8λ, 4-5/8λ	6.0/8.0	200	UHF	4	8.3	112	129.95
X300NA	2m/70cm	2-5/8λ, 5-5/8λ	6.5/9.0	200	N	4	10	112	139.95
X300A	2m/70cm	2-5/8λ, 5-5/8λ	6.5/9.0	200	UHF	4	10	112	139.95
X510HDMA	2m/70cm	3-5/8λ, 8-5/8λ	8.3/11.7	330/250	UHF	5	17.2	90	189.95
X510HDNA	2m/70cm	3-5/8λ, 8-5/8λ	8.3/11.7	330/250	N	5	17.2	90	189.95
X510NJ	2m/70cm	Optimized 143.5-146.5/428-442 MHz		200	N	5	17.2	90	219.95
◆ X700HNA	2m/70cm	4-5/8λ, 11-5/8λ	9.3/13.0	200	N	8.4	24	90	399.95
◆ X50C2	X50 Tuned for commercial freq. 146-155 and 450-465MHz all other specs same as X50. Avail in UHF or Type N.								144.95

Triband Base & Repeater Antennas 52 / 144 / 440 MHz — 144 / 222 / 440 MHz — 144 / 440 / 1240 MHz									
V2000A ²	6m/2m/70cm	1-1/2λ, 2-5/8λ, 4-5/8λ	2.1/6.2/8.4	150	UHF	4	8.3	110	\$169.75
X3200A ³	2m/11/4m/70cm	1-3/4λ, 3-5/8λ, 3-5/8λ	6.0/7.8/8.0	100/200	UHF	4	10.5	112	199.95
# X6000A ⁴	2m/70cm/23cm	2-5/8λ, 5-5/8λ, 6-5/8λ	6.5/9/10	100@	N	4	10.5	112	169.95
# D130J ^{5,7}	50-1300 MHz.	Wideband Discone	Approx. 2 dBi	200	UHF	2.2	5.6	—	94.95
# D130NJ ^{5,7}	50-1300 MHz.	Wideband Discone	Approx. 2 dBi	200	N	2.2	5.6	—	94.95
D3000N	Wideband Discone Antenna, 25-3000 MHz 200w (144MHz up), 20w FM, 50w PEP Type-N, Adjustable 50-54 MHz								129.95

HF & 6 Meter Antennas									
BB7V	2-30 MHz (tuner required) no radial vertical			250	UHF	4.5	5 / 22	80	\$399.95
CP-725H ¹¹	40m/15m/10m/6m Trap Vertical with Radials			200/500	UHF	6.6	11'8"	100	359.95
CP-5H	40m/20m/15m/10m/6m			200/400/400/500/500	UHF	6.6	11'8"	80	399.95
CP6AR	75m/40m/20m/15m/10m/6m			200	UHF	9.9	15.1	80	439.95
CP62 ⁶	6m, 2-5/8λ, 5.5, 200W FM/500W SSB				UHF		22	80	219.95
CP610 ⁶	6m/10m, 2-5/8λ/1-5/8λ 5.5/3.4, 200W FM/500W SSB				UHF		22	80	269.95
◆ HFV-5	40m/20m/15m/10m/6m 150W (SSB 7/14MHz) 220W (SSB 21/28/50MHz)				UHF	4.3	13.1		319.95

Wire Antennas									
W735	3.5-7 MHz, 80m/40m			1.2KW PEP	UHF	-	85.3'	-	\$119.95
W8010	3.5/7/14/21/28 MHz, 80m/40m/20m/15m/10m			1.2KW PEP	UHF	-	63'	-	144.95

Notes:

- Unless otherwise noted, frequency range of base & mobile antennas: 6m=52-54 MHz, 2m=144-148 MHz, 11/4m=222-225 MHz, 70cm=440-450 MHz, 33cm=900-930 MHz, 23cm=1240-1300 MHz.
- All antenna elements at D.C. Ground. Center coax lead insulated from antenna element except those with note 7.
- All antennas have rugged fiberglass sheath, stainless steel hardware/radials & plated brass construction (Except CP22E, BB7V & D130J).
- Base Antennas are packaged in individual plastic sleeves, complete w/mounting hardware & instructions.
- No Diamond antennas require guy wires!
- UHF/SO-239 connectors used on Diamond antennas are compensated to give 50Ω.

- 2) V2000A 6m 52-54 MHz. 1/2λ rated in dBi. 1.25 MHz BW on 6m.
- 3) 2m bandwidth 145-148 on this model.
- 4) @ denotes 60w on 23 cm.
- 5) D-130J/D-130NJ has stainless steel elements. Best VSWR 60-1300 MHz. Receive 25-1500 MHz. 6m whip adjustable for 1 MHz transmit BW.
- 6) Heavy Duty Aluminum Construction.
- 7) Center element insulated from ground.
- 8) Pretuned for 450-460MHz.
- 9) Pretuned for 460-470MHz.
- 10) Tunable 430-490 with cut chart.
- 11) 28/50MHz 500W P.E.P - 21MHz 400W P.E.P - 7MHz 200W P.E.P.
- 12) Tunable 144-174 with cut chart.

Diamond Mobile Antennas

Model	Band	Element Phasing/ Wavelength	Gain/dBi	Watts	Mount	Lgth./In.	Amat. Net
Monoband Mobile Antennas 144 MHz — 222 MHz — 1240 MHz — 2400 MHz — 52 MHz							
HF6FX ^{1,2}	6m	1-1/4λ	2.15	250	UHF	44	\$69.95
HF6CL	50MHz	1/2λ Radialless		250 SSB, 80 FM	UHF	86.6	59.95
HF10CL	28MHz	1/4λ Center Loading		200 SSB, 70 FM	UHF	86.6	59.95
◆ HF15CL	21MHz	1/4λ Center Loading		200 SSB, 70 FM	UHF	86.6	59.95
◆ HF17CL	18MHz	1/4λ Center Loading		200 SSB, 70 FM	UHF	86.6	59.95
HF20CL	14MHz	1/4λ Center Loading		200 SSB, 70 FM	UHF	86.6	59.95
HF40CL	7.0 MHz	1/4λ		200 SSB, 70 FM	UHF	86.6	59.95
HF80CL	3.5 MHz	1/4λ		120 SSB, 40 FM	UHF	87.5	59.95
M285S	144-172	1-5/8λ	3.4	200	UHF	52.4	31.95
M285SNMO	144-172	1-5/8λ	3.4	200	NMO	52.4	31.95
M685S ^{1,2}	6m	1-1/4λ	2.15	200	UHF	52.4	31.95
M685SNMO ^{1,2}	6m	1-1/4λ	2.15	200	NMO	52.4	31.95
MG200	2400MHz	3-1/2λ	7.0	10	N	23.6	59.95
NR22L ¹	2m	2-5/8λ + 1/4λ	6.5	100	UHF	96.8	64.95
NR124N	23cm	4-5/8λ	8.4	50	N	25	54.95
◆ NR124NMO	23cm	4-5/8λ	8.4	50	NMO	25	54.95
NR140BNMO	222-225 MHz	1-1/2λ + 1/4λ	3.8	100	NMO	36.2	46.95
◆ NR920	902-928 MHz	3-5/8λ	7.0	50	N	28.9	54.95
Dualband Mobile Antennas 144/440 MHz							
AZ504SP ⁶	2m/70cm	1/4λ, 1/2λ	2.15	50	UHF	15.5	\$39.95
AZ504FXH	2m/70cm	1/4λ, 1/2λ	2.15	50	UHF	15.5	39.95
AZ507RSP ⁶	2m/70cm	1/4λ, 1/2λ	2.15/4.9	50	UHF	15.5	46.95
◆ CR270A ⁴	2m/70cm	2-1/4λ, 1-5/8λ	2.15	50	UHF	17.3	42.95
MR77	2m/70cm Black w/Mag Mt	1-1/4λ, 1-1/2λ	2.15/3.4	70	MAG	20	37.95
◆ MR77SMA	" w/SMA coax conn.	1-1/4λ, 1-1/2λ	2.15/3.4	70	MAG SMA	20	37.95
MR77SJ	" w/SMA (F) coax conn.	1-1/4λ, 1-1/2λ	2.15/3.4	70	MAG SMA (F)	20	37.95
◆ MR73SMA	2m/70cm Black Mini Mag	1/4λ, 1/2λ	2.15/3.4	10	M-MAG SMA	19.5	26.95
MR73SJ	2m/70cm Black Mini Mag	1/4λ, 1/2λ	2.15/3.4	10	M-MAG SMA (F)	19.5	26.95
MR75S	2m/70cm Black Mag Mt., SMA	1/4λ, 5/8λ	2.15/3.4	35	MAG SMA	20	36.95
MR75SJ	2m/70cm Black Mag Mt., SMA (F)	1/4λ, 5/8λ	2.15/3.4	35	MAG SMA (F)	20	36.95
NR72BNMO ^{1,2}	2m/70cm Black	1-1/4λ, 1-1/2λ	2.15/2.15	100	NMO	13.8	44.95
NR73BNMO	2m/70cm Black	1-1/2λ, 2-5/8λ	2.15/5.3	100	NMO	33.5	54.95
NR770HA	2m/70cm	1-1/2λ, 2-5/8λ (most popular)	3.0/5.5	200	UHF	40.2	48.95
NR770HB	Same as NR770HA, in Black				UHF	40.2	53.95
NR770HRKS ⁵	Same as NR770HA, in Black with adhesive-backed mount				UHF	40.2	114.95
NR770HNMO	Same as NR770HA, except uses NMO mount				NMO	38.2	53.95
NR770HBNMO	Same as NR770HNMO, in Black				NMO	38.2	54.95
NR7900A ¹	2m/70cm	6/8λ + 3-5/8λ	3.7 / 6.4	300 / 250	UHF	57	84.75
SG7000A ^{1,2}	2m/70cm	1-1/4λ, 1-3/8λ	2.15/3.8	100	UHF	18.5	69.95
SG7500A	2m/70cm	1-1/2λ, 2-5/8λ	3.5/6.0	150	UHF	40.6	69.95
SG7500NMO	2m/70cm	1-1/2λ, 2-5/8λ	3.5/6.0	150	NMO	40.6	72.95
SG7900A ¹	2m/70cm	2-1/4λ + 1-3/8λ, 3-5/8λ	5.0/7.6	150	UHF	62.2	99.95
SG7900ANMO ¹	2m/70cm	2-1/4λ + 1-3/8λ, 3-5/8λ	5.0/7.6	150	NMO	62.2	114.95
Triband Mobile Antennas 50/144/440 MHz — 144/222/440 MHz — 144/440/1240 MHz							
CR320A ^{1,2}	Black 2m/1 1/4m/70cm	1-1/4λ, 1-1/2λ, 2-5/8λ	2.15/3.8/5.5	200/100	UHF	37.4	\$79.95
CR320BNMO ^{1,2}	Black 2m/1 1/4m/70cm	1-1/4λ, 1-1/2λ, 2-5/8λ	2.15/3.8/5.5	200/100	NMO	37.4	79.95
# CR627B ^{1,2,3}	Black 6m/2m/70cm	1-1/4λ, 3-1/4λ, 3-5/8λ	2.15/4.5/7.2	150	UHF	60	84.95
# CR627BNMO ^{1,2,3}	Black 6m/2m/70cm	1-1/4λ, 3-1/4λ, 3-5/8λ	2.15/4.5/7.2	150	NMO	60	84.95
NR2000NA	2m/70cm/23cm	1-1/2λ, 2-5/8λ, 5-5/8λ	315/6.3/9.7	100	N	39	84.95
Multi-Band HF/VHF Mobile Antenna							
CR8900A ^{1,2,3}	10m/6m/2m/70cm (FM only), 2.15 (2m), 5.5 (70cm), 60W (50W UHF), optimized for FT8900						\$109.95
D220 ¹	100-1600 MHz Wideband Mobile Discone Approx. 2 dBi, 50, UHF, .85 lbs., 35.5", 110						113.95
HV7A ^{1,2}	5 band Mobile, with 10m/6m/2m/70cm included. 54"/UHF base. HF 120w/VHF 200w. (Use K400C/K600M Mounts.)						119.95
HVC7	40m Loading Coil for HV7A						44.95
HVC14	20m Loading Coil for HV7A						37.95
HVC18	17m Loading Coil for HV7A						37.95
HVC21	15m Loading Coil for HV7A						37.95
SD330	HF Mobile Screwdriver Antenna, 66" at 28MHz, 73" at 3MHz, 3-30MHz, 200 watt, UHF						
	Includes Element OPE750, 17" shorter than original element, 7-50MHz.						389.95
SD330--3/8	Same specifications as the SD330, but has a 3/8 connector.						389.95

1) Not recommended for magnet mount. 2) Grounding required. 3) 52-54 MHz. 4) Spring is cosmetic — non functional.

5) Diamond Antenna does not warranty adhesive mounts or attached antennas should they become detached from vehicle. 6) With Spring above base.

Frequency: Unless otherwise noted, frequency range of base & mobile antennas: 6m=52-54 MHz, 2m=144-148 MHz, 1 1/4m=222-225 MHz, 70cm=440-450 MHz, 33cm=902-930 MHz, 23cm=1240-1300 MHz. (Many models will exhibit wider bandwidth due to individual design.)

Mobile Antenna Mounts

Trunk Lip Mounting Kits (Standard UHF Type/SO-239 & NMO)

HRKS ⁵	Adhesive backed UHF mount, 13.5' RG316 teflon coax with SMA and PL-259 adapter.	\$69.95
K400	Diamond Deluxe H.D. hatchback/door/trunk lid. Three axis adjustable. No mounting group/coax.	39.95
K400-3/8C	Special mount for 3/8-24 thread antennas. 6.5 ft. RG316 Teflon coax, w/PL-259. Use C110 extension cable.	73.95
◆ K400-3/8C2	Special mount for 3/8-24 thread antennas. 13.5 ft. RG316 Teflon coax, w/PL-259. For front radio installation	79.95
K400C	Diamond Heavy Duty Mount. Has UHF type base. 6.5 ft. RG316 Teflon coax, w/PL-259. Use C110 extension cable.	73.95
K400CNMO	Diamond Deluxe Mount with standard NMO base. 6.5 ft. RG316 Teflon coax, w/PL-259. Use C110 extension cable.	73.95
K400S	Diamond Heavy Duty Mount. Has UHF type base.13.5 ft. RG316 Teflon coax w/SMA + PL-259 adapter.	79.95
K400SNMO	Diamond Heavy Duty Mount. Has NMO type base.13.5 ft. RG316 Teflon coax w/SMA + PL-259 adapter.	79.95
K412C	Adjustable position, VHF Base, 6.5 ft. RG316	64.95
K412CNMO	Adjustable position, NMO Base, 6.5 ft. RG316	64.95
K412S	Diamond 4 Position Adjustable Mount. Has UHF type base. 13.5 ft. RG316 Teflon coax w/SMA + PL-259 adapter.	69.95
K412SNMO	Diamond 4 Position Adjustable Mount. Has NMO type base.13.5 ft. RG316 Teflon coax w/SMA + PL-259 adapter.	69.95
K600M	Diamond Heavy Duty Tilt Angle (0-9°) Trunk Mount, Black, RG-188 & low loss 7 mm 5D cable.	59.95
K600S	Diamond Heavy Duty Tilt Angle (0-9°) Trunk Mount, Black, 13' RG316 w/SMA + PL-259 adapter.	62.95
K9000TM	Motorized trunk/hatchback Mount. Motor drive unit with mounting hardware. (Use C-series cable assemblies.)	109.95
C110	10 ft. extension cable. Recommended for K400C, K400-3/8C, and K601 mounts. For front mounted transceivers.	19.95

Magnet Mounts (PO Type/SO-239 & NMO)

SPM35	Premium Quality. Heavy 2.2 lb./4" Magnet. UHF mount with 13' low loss 5mm "3.5D" coax w/ PL-259.	44.95
SPM-NMO	Premium Quality. Heavy 2.2 lb./4" Magnet. NMO mount with 13' low loss 5mm "3.5D" coax w/ PL-259.	49.95
K702M	New low-profile magnet/suction mount. 6.5" diameter, 13' RG-58 and PL-259.	49.95
DPK4NM-N	Type N on Magnet. Similar to SPM35. N-Plug. Good to 1300 MHz.	52.95

Note: Care should be taken in selection of antennas to be used on magnet mounts to avoid loss resulting from antennas with excessive height.

Diamond Antenna does not warranty magnet mounts or attached antennas should they become detached from vehicle.

Mirror & Luggage Rack Mount

CRM	Stainless steel right angle mount with U-bolt	\$16.95
K515S	Universal Luggage Rack Mount. SO-239 antenna base & 13.5' RG316 w/ SMA. PL-259 adapter included.	69.95
K515SNMO	Universal Luggage Rack Mount. NMO antenna base & 13.5' RG316 w/ SMA. PL-259 adapter included.	69.95
K540	Diamond Mirror/Luggage Carrier Mount. (Use GLP type hardware.)	36.95
K540KM	Same as K540 w/Type-PO/SO-239 antenna base & 13' RG58A/U w/PL-259.	59.95
K550	Diamond Luggage Carrier Mount. Special design for New Mini Vans.	44.95
◆ K550L	Diamond Luggage Carrier Mount, oversize.	46.95
K550KM	Same as K550 w/Type-PO/SO-239 antenna base & 13' RG58A/U w/PL-259.	69.95
K9000LRM	Motorized Luggage Rack Mount. Motor drive unit with luggage rack mounting hardware. (Use C series cable assemblies)	109.95
K9000LRMO	Motorized Luggage Rack Mount. Motor drive unit with oversize K515 rack mtg hardware.	109.95

Cable Assemblies / Mounting Group Hardware / Replacement Parts

C101	UHF Base, 6½ ft. low loss RG316 Teflon coax. Mini UHF (F) + PL-259 adapter. Recommended for K series mounts (except K600M). Add C110, C110SMA, or C110BNC for front radio installations.	\$37.95
C101-3/8C	Replacement cable assembly for K400-3/8C mobile antenna mount. 6.5' low loss RG316 teflon coax wiring terminals on mount end and mini UHF on radio end. Uses C110 extension cable.	34.95
C101-3/8C-KIT	Upgrades any K400 mount to a K400-3/8C. Includes necessary hardware and C101-3/8C cable assembly.	44.95
C101NMO	Similar to C101, but with NMO mount.	37.95
C104SMA	4 ft. extension cable for HT's with SMA. For existing cables w/PL-259. UHF Female to SMA Male.	16.95
C105SMA	5 ft. extension cable for C101. RG58/U cable terminating in right angle SMA Male.	16.95
C110	10 ft. RG8X extension cable for C101.	19.95
C110BNC	10 ft. RG316 Teflon coax extension cable terminating in BNC-male. (Ideal for mobile HT's.)	29.95
C110SMA	Similar to C110BNC, but terminating in SMA Male.	29.95
C211	Combination of C101 and C110. UHF Base with 16½ ft. cable assembly w/PL-259.	49.95
C213SMA	Similar to C101, but 13½ ft. RG316 cable assembly. For K series mounts (exc. K600M & K600S).	44.95
C213SNMO	Similar to C213SMA, but with NMO mount	44.95
MGC50	Window Feedthru Assembly, HF to 50 MHz = 150W (SSB), 50W (FM/CW), 144 MHz = 40W (FM), 440 MHz = 30W (FM), 1200 MHz = 10W (FM), 19.7" between UHF Connectors (x2), VSWR: HF up to 500 MHz < 1.2, 500-1000 MHz < 1.3, Up to 1000 MHz < 2.0, 1200 MHz < 1.7	53.95
RFU645	Adapter, mini-UHF male to PL259. Used in K400-3/8C, K400C, K400CNMO, K412C, K412CNMO, K601M, and K601NMO mounts. Minimum order of 5 pc.	2.95
RSA3474	Adapter, SMA female to PL259. Used in Diamonds' new S-Series mounts K400S, K400SNMO, K412S, K412SNMO, K515S, K515SNMO, K600S, and HRKS. Minimum order of 3 pc.	6.95
31005	Replacement weather cap for SO-239 mounts. Heavy chrome plated brass. Minimum order of 5 pc.	3.35
BNCJ-SMAP	Low profile black BNC-F to SMA-M adapter. Minimum order 6 pcs.	9.95
BNCP-SMAJ	Low profile black BNC-M to SMA-F adapter.	9.95
◆ D38-24	UHF to 3/8-24 adapter	19.95

Beam Antennas

144 MHz — 430 MHz — 2400 MHz

Number	Band	Gain/dBi	Watts	Conn.	Wgt.	Lgth.	MPH	Amat. Net	
A502HB ⁷	6m Yagi (2 element)	50-54 MHz	6.3	400 (PEP)	UHF	3.75	2.6'	80	\$99.95
A144S5 ⁷	2m Yagi (5 element)	144-148 MHz	9	100 (PEP)	UHF	1.4	37.5"	80	59.95
◆ A144S10	2m Yagi (10 element)	144-148 MHz	11.6	100 (PEP)	UHF	1.4	83.9"	80	94.95
KB144	Side mount bracket and mounting hardware for the A144S5 beam.								24.95
SB-144	2m Stacking Boom for the A144S5								26.95
A430S10 ⁷	430 Yagi (10 element)	430-440 MHz	13	100 (PEP)	UHF	1.4	43"	80	69.95
A430S15 ⁷	430 Yagi (15 element)	430-440 MHz	14.8	100 (PEP)	UHF	2.15	89"	80	89.95
KB430	Side mount bracket and mounting hardware for the A430S10 beam.								22.95
SB430	Stacking Boom for A430 beam antennas								26.95
◆ SS770R	144MHz/2m, 430MHz/70cm. Input: SO239/UHF (F), Output (x2) PL259/UHF (M)								74.95
2400Y12	Yagi (housed 8 elements)	2400 MHz	12	25	N	1.6	16.6"	80	130.00
2400Y15	Yagi (housed 19 elements)	2400 MHz	15	25	N	3.0	41.7	80	290.00
2400Y19	Yagi (housed 27 elements)	2400 MHz	19	25	N	4.0	58.3	80	340.00
FL2401A	Flat Panel Array	2400 MHz	4.0	10	N	0.7	-	133	59.50

High Power/Low Loss Duplexers for Combining or Splitting

Model Number	Port	Freq. MHz.	CW W	PEP W	Loss dB	Isol. dB	MIX Conn.	Port Conn.	Amat. Net
MX214	LPF	140-150	150	300	.3	40	SO-239	PL-259/12" 5D cable	65.95
	HPF	220-225	100	200	.4	40	SO-239	PL-259/12" 5D cable	
MX37	LDF	1.6-470		100	.25	45	N-F	PL-259/12" 5D cable	\$59.95
	HDF	900-1300		50	.45	45		N-Male/12" 5D cable	
MX72D	LPF	1.6-30	400	1KW	.1	60	SO-239	PL-259 /No Cable	46.95
		140-150	150	400	.1	60			
	HPF	400-460	100	250	.2	60		PL-259/No Cable	
MX72A	Same specifications as MX72N						N-F	PL-259/12" 5D cable N-Male/12" 5D cable	54.95
MX72H	Same specifications as MX72D.						SO-239	PL-259/12" 5D cable (LPF & HPF)	49.95
MX72N	LPF	1.6-30	400	1KW	.1	60	SO-239	PL-259/12" 5D cable	49.95
		140-150	150	400	.1	60			
	HPF	400-460	100	250	.1	60		N-Male/12" 5D cable	
MX610	LPF	1.3-30	200	600	.2	45	SO-239	PL-259//12" 5D cable	69.95
	HPF	49-470	200	600	.25	45			
MX62M	LPF	1.6-56	200	600	.2	50	SO-239	PL-259/12" 5D cable	69.95
	HPF	76-470	200	600	.3	50			

High Power/Low Loss Triplexers for Combining or Splitting

Model Number	Port	Freq. MHz.	CW W	PEP W	Loss dB	Isol. dB	MIX Conn.	Port Conn.	Amat. Net	
MX324	LPF	1.6-150	400	800	.3	40	SO-239	PL-259/12" 5D cable	\$89.95	
	BPF	220-225	300	600	.4	40				PL-259/12" 5D cable
	HPF	400-550	250	500	.4	40				PL-259/12" 5D cable
MX2000	LPF	1.6-60	400	800	.15	60	SO-239	PL-259/12" 5D cable	83.95	
	BPF	110-170	400	800	.2	60				PL-259/12" 5D cable
	HPF	300-950	250	500	.25	60				PL-259/12" 5D cable
MX2000N	LPF	1.6-60	400	800	.15	60	SO-239	PL-259/12" 5D cable	83.95	
	BPF	110-170	400	800	.2	60				PL-259/12" 5D cable
	HPF	300-950	250	500	.25	60				N-Male/12" 5D cable
MX3000	LPF	1.6-160	400	800	.2	55	N-F	PL-259/12" 5D cable	85.95	
	BPF	350-500	200	400	.3	55				PL-259/12" 5D cable
	HPF	850-1300	100	200	.4	55				N-Male/12" 5D cable
MX3000N	LPF	1.6-160	400	800	.2	55	N-F	PL-259/12" 5D cable	85.95	
	BPF	350-500	200	400	.3	55				N-Male/12" 5D cable
	HPF	850-1300	100	200	.4	55				N-Male/12" 5D cable

Handheld Transceivers/Receiving and Scanner Antennas

Model	Description	Amat. Net
RH3	2m/70cm dual-band "Black Bullet" HT antenna. 1.75" BNC. 120-900 MHz.	\$26.95
RH77CA	High gain 2m/70cm dual band HT antenna. Excellent gain through 900 MHz. 15" BNC. Works well with 150-162 MHz HT's.	22.95
RH205	2m HT Antenna, Telescopic, 5/8λ fully extended, 47.5"; 1/4λ retracted, 9".	26.95
RH951S	2m/70cm/23cm tri-band — slim, flexible HT antenna. All black. 15" BNC connector. (The RH951S makes for an excellent VHF/UHF/800/900 MHz scanner antenna.)	44.95
RH707	2m/70cm dual-band — tiltable whip — HT antenna. 8 3/4" BNC.	29.95
RH789	Telescoping wideband handheld antenna 95-1100 MHz, 6 sections, folds at base, 2.15-3.2 dBR, 7.9" collapsed, 31.7" extended, BNC connector, 10 watts, 1 oz.	32.95
RH519	2m/70cm dual-band — flexible whip — 8.3", BNC type connector, 10 watts.	24.95
RHF10	2.75", 2m/70cm, Air Band 150/300/450/800/ 900MHz (rec. only), BNC conn., 6 watts.	21.95
RHF40	Super flexible, high gain 2m/70cm dual band HT antenna. Excellent gain through 900 MHz. 15" BNC.	27.95
SRHF10	2.75", 2m/70cm, Air Band 150/300/450/800/ 900MHz (rec. only), SMA conn., 6 watts.	21.95
◆ SRJF10	2.75", 2m/70cm, Air Band 150/300/450/800/ 900MHz (rec. only), SMA Female conn., 6 watts.	21.95
SRHF40	Super flexible, high gain 2m/70cm dual band HT antenna w/ 900 MHz receive, 15", SMA	26.95
◆ SRJF40A	Super flexible, high gain 2m/70cm dual band HT antenna w/ 900 MHz receive, 15", SMA Female	26.95
SRH77CA	High gain 2m/70cm dual band HT antenna. Excellent gain through 900 MHz. 15" SMA (RH77 design). Works well with 150-162 MHz HT's.	22.95
SRJ77CA	High gain 2m/70cm dual band HT antenna. Excellent gain through 900 MHz. 15" SMA (RH77 design). Works well with 150-162 MHz HT's.	22.95
◆ SRH229	High gain, flexible whip. 13", 222-900MHz, (1-1/4m/33cm), 10W, 4dB, SMA. For ALINCO DJ-G29T.	32.95
SRH320A	2m/1-1/4m/70cm tri-band — HT antenna with flexible whip.	46.95
SRH519	2m/70cm dual-band — flexible whip — 8.3"; SMA type connector, 10 watts.	26.95
SRH805	2m/70cm/23cm tri-band — HT antenna. 1.75" SMA, 10 watts.	26.95
SRH815	2m/70cm/23cm tri-band — flexible whip — HT antenna. 6" SMA, 10 watts.	31.95
SRH940	6m/2m/70cm tri-band HT antenna, SMA.	39.95
SRH999	6m/2m/70cm/23cm quad-band — flexible whip — 20"; SMA type connector, 10 watt (Ideal for IC-T81A)	54.95
SRH789	Telescoping wideband handheld antenna 95-1100 MHz, 6 sections, folds at base, 2.15-3.2 dBR, 7.9" collapsed, 31.7" extended, SMA connector, 10 watts, 1 oz.	32.95
◆ SRH701	2m/70cm — HT antenna. 7.5" SMA, 10 watts.	24.95
◆ SRH779	2m/70cm — Fold over telescoping HT antenna. 17.3" Full Length, 6.3" Retracted SMA, 10 watts.	32.95
D130J	Wideband Discone Antenna, 25-1300 MHz. 200w transmit 50-1300 MHz, 50 watt, 6m. No coax, UHF.	104.95
D130NJ	Wideband Discone Antenna, 25-1300 MHz. 200w transmit 50-1300 MHz, 50 watt, 6m. No coax, Type-N.	104.95
D3000N	Wideband Discone Antenna, 25-3000 MHz 200w (144MHzup), 20w FM, 50w PEP Type-N, Adjustable 50-54 MHz	129.95

Diamond Power/SWR Meters

Model Number	Frequency MHz	Power Ranges	Connectors	Amat. Net
SX20C	3.5-30 / 50-54 / 130-150 (cross needle)	30/300	SO-239	\$89.95
SX40C	144-470 220 MHz w/correction factor.	30/300	SO-239	82.95
SX100	1.6-60	30/300/3KW	SO-239	144.95
SX200	1.8-200	5/20/200	SO-239	99.95
SX400	140-525	5/20/200	SO-239	114.95
SX600	Dual Band with Dual Directional Couplers	5/20/200		194.95
	1.8-160		SO-239	
	140-525		SO-239	
SX240C	1.8-54 MHz and 140-470 MHz (220 MHz w/ correction factor)	30/300/3KW-HF Only	SO-239	349.95
SX1100	4-Band with Dual Directional Couplers	5/20/200		234.95
	1.8-160, 430-450	HF-VHF:	SO-239	
	800-930, 1240-1300	UHF:	N	

Note: SO-239 connectors used on DIAMOND meters are compensated to give 50Ω impedance at 1.8-525 MHz.

Diamond Accessories

Model	Description	Amat. Net
SP3000	Lightning discharge protector. DC-3000 MHz 200W. Type-N female connectors.	34.95
SP3000W	Lightning discharge protector. DC-3000 MHz 200W. Type-N female connectors. Waterproof.	41.95
SP3000P	Lightning discharge protector. DC-3000 MHz 200W. Type-N F/M connectors.	41.95
SP1000	Lightning discharge protector. DC-1000 MHz 400W. SO-239 connectors.	29.95
SP1000PW	Lightning discharge protector. DC-1000 MHz 400W. UHF M/F connectors. Waterproof.	34.95
CX210A	Heavy Duty Wideband Coax Switch, DC-1000 MHz. 1.5 KW, special SO-239.	49.95
CX210N	Heavy Duty Wideband Coax Switch, DC-1500 MHz. 1.5 KW, N connectors.	79.95
CX310A	Heavy Duty Wideband 3 position Coax Switch, DC-800 MHz, special SO-239.	89.95
DL30N	Dummy Load; 15 watt average, 100 watt peak, 50% duty cycle. 0-500 MHz, Type N connection.	54.95
DL30A	Dummy Load; 15 watt average, 100 watt peak, 50% duty cycle. 0-1500 MHz, PL-259 connection.	39.95
BNCJ-SMAP	Low profile black BNC-F to SMA-M adapter. Minimum order 6 pcs.	9.95
BNCP-SMAJ	Low profile black BNC-M to SMA-F adapter.	9.95
D38-24	UHF to 3/8-24 adapter.	19.95
PC-3	3 meter (9.8') power cable with T connector (for VHF/UHF mobile rigs), 20 amp fuse, 14 gauge wire	11.75
◆ S1	Bi-Directional Mast Bracket. For mast sizes of 1.2"-2.4" Zinc Diecast	29.95

Switching Power Supply

Model	Description	Amat. Net
GZV4000	40 Amp continuous. Variable 5-15 VDC. Switchable volt & amp meter. 8Ω, 5W speaker. 110 volt only.	\$179.95
GZV4000-220	40 Amp continuous. Variable 5-15 VDC. Switchable volt & amp meter. 220 Volts only.	179.95
GZV6000	60 Amp continuous. Variable 1-15 VDC. Switchable volt & amp meter. 8Ω, 5W speaker. 100-240 VAC..	399.95

Note: GZV4000 Power Supply is now priced with antennas so best price occurs at 25 pieces/mix of antennas and power supplies.

New Products

Model Number	Band	Stacked Element Phasing/Wavelength	Gain/dB	Watts	Conn. Type	Wgt. Lbs.	Lgth. Foot	Wind MPH	Amat. Net
X700HNA	2m/70cm	4-5/8λ, 11-5/8λ	9.3/13.0	200	N	8.4	24	90	399.95
BC103	143-176 MHz	1/2λ-5/8λ Radioless	2.5-3.2	300	UHF	2.8	4.1	135	149.95
X50C2	X50 Tuned for commercial freq. 146-155 and 450-465MHz all other specs same as X50. Avail in UHF or Type N.								144.95
HFV-5	40m/20m/15m/10m/6m	150W (SSB 7/14MHz) 220W (SSB 21/28/50MHz)			UHF	4.3	13.1		319.95
A144S10	144-148 MHz, 2m Yagi (10 element)		11.6	100 (PEP)	UHF	1.4	83.9"	80	94.95
SS770R	144MHz/2m, 430MHz/70cm. Input: SO239/UHF (F), Output (x2) PL259/UHF (M)								74.95
BC920	902-928 MHz	5-5/8λ	9.3	100	N	2	5.9	135	114.95

Model	Band	Element Phasing/Wavelength	Gain/dBi	Watts	Mount	Lgth./In.	Amat. Net
MR77SJ	2m/70cm	Black w/Mag Mt 1-1/4λ, 1-1/2λ	2.15/3.4	70	MAG SMA (F)	20	37.95
MR73SJ	2m/70cm	Black Mini Mag 1/4λ, 1/2λ	2.15/3.4	10	M-MAG SMA (F)	19.5	26.95
MR75SJ	2m/70cm	Black Mag Mt., SMA (F), 1/4λ, 5/8λ	3.4	35	MAG SMA (F)	20	36.95
NR920	902-928 MHz	3-5/8λ	7.0	50	N	28.9	54.95
HF15CL	21MHz	1/4λ Center Loading	200 SSB, 70 FM		UHF	86.6	59.95
HF17CL	18MHz	1/4λ Center Loading	200 SSB, 70 FM		UHF	86.6	59.95

Model	Description	Amat. Net
K400-3/8C2	Special mount for 3/8-24 thread antennas. 13.5 ft. RG316 Teflon coax, w/PL-259. For front radio installation	79.95
K550L	Diamond Luggage Carrier Mount, oversize.	46.95
D38-24	UHF to 3/8-24 adapter	19.95
SRJF10	2.75", 2m/70cm, Air Band 150/300/450/800/ 900MHz (rec. only), SMA Female conn., 6 watts.	21.95
SRJF40A	Super flexible, high gain 2m/70cm dual band HT antenna w/ 900 MHz receive, 15", SMA Female	26.95
SRH229	High gain, flexible whip. 13", 222-900MHz, (1-1/4m/33cm), 10W, 4dB, SMA. For ALINCO DJ-G29T.	32.95
SRH701	2m/70cm — HT antenna. 7.5" SMA, 10 watts.	24.95
SRH779	2m/70cm — Fold over telescoping HT antenna. 17.3" Full Length, 6.3" Retracted SMA, 10 watts.	32.95
S1	Bi-Directional Mast Bracket. For mast sizes of 1.2"-2.4" Zinc Diecast	29.95