

Antenna Products Suppliers

Antenna Manufacturers Products

Finding parts can be the most difficult aspect of an antenna project. Suppliers of aluminum exist in most major metropolitan areas. They can be found in the Yellow Pages of the phone book. Some careful searching of the Yellow Pages may also reveal sources of other materials and accessories. If you live away from a metropolitan area, try using telephone books for the nearest large metropolitan area; they may be available in the reference section of your local library.

Many dealers and distributors will ship their products by freight or by mail. The listings of Tables 1 through 7 list several categories of antenna products and some suppliers of them. Company names have been abbreviated where necessary. Table 8 is an address list arranged alphabetically by company name.

Product lines change often; we recommend that you request current catalogs from those manufacturers who interest you. In addition, all indications of sales policies and prices for catalogs are given for general information only and are subject to change without notice.

Antenna products for repeaters are listed separately, in Chapter 17.

Table 1
VHF/UHF/Microwave Antenna Suppliers

Manufacturer	Yagi	Quad, Loop	Loop Yagi	Vertical	Mobile	HT	μwave	Helical	Satellite
AEA				✓		✓			
Alabama Amateur		✓							
Anli International					✓	✓			
Antennaco	✓								
Antennas West	✓								
Ant Specialists				✓	✓	✓			
Austin Antenna	✓			✓	✓	✓			✓
Butternut				✓					
Cellular Security		✓		✓					
Centurion Tuf Duck						✓			
Comet				✓	✓				
Create Design	✓								
Cushcraft	✓			✓	✓	✓			✓
Diamond				✓	✓	✓			
Down East			✓ ¹				✓		✓
Eur-AM	✓				✓				
Hustler	✓			✓	✓	✓			
Kilo-Tec				✓	✓ ²				
KLM	✓			✓			✓		✓
Lakeview				✓	✓				
Larsen					✓	✓			
M ²	6m	6m				✓			
Maldol					✓	✓			
Maxrad	✓			✓	✓	✓			
Mosley	✓			✓	✓				
Pro-Am Valor					✓				
Radio Shack				discone					
Radio Works					✓	✓			
Rutland Arrays	✓								✓
Sommer	✓							✓	✓
Spectrum Int'l	✓		✓ ³						✓
Telex/Hy-Gain	✓			✓	✓				✓
Texas Radio				✓					
Tonna	✓								

Notes:

¹ 902, 1250, 2400, 3400 MHz.

² Includes a 144 MHz DRRR.

³ 902, 1250 MHz.

Table 2
HF Antenna Suppliers

Manufacturer	Yagi	Quad, Loop	Vertical	Dipole	Mobile	Small Xmtng	Active (RX only)
AEA						✓	
Alpha Delta				✓			
Antennas West				✓	✓		
Antennas Etc				✓			
B & W			✓	✓		✓	
Bilal						✓	
Butternut			✓			✓	
Create Design	✓		✓	✓		✓	
Cubex		✓					
Cushcraft	✓		✓				
DC Sales					✓ ¹		
Delta Loop		✓					
Dressler							✓ ²
Flytecraft			✓		✓		
Force 12	✓						
GAP			✓				
Gem Quad		✓ ³					
Grove							✓
High Sierra					✓		
Hustler			✓		✓		
Jade Products				✓			
Kilo-Tec				✓		✓	
KLM	✓		✓	✓ ⁴			
Lakeview					✓		
Lightning Bolt		✓					
M²	✓						
MFJ						✓	✓
Mosley	✓		✓	✓	✓	✓	
N'Tenna		✓					
Nye				✓			
Outbacker					✓		
Palomar							✓
Pro-Am Valor					✓		
Roadrunner					✓		
Sommer	✓						
Spi-Ro				✓			
Telex/Hy-Gain	✓		✓	✓			
Texas Radio				✓	✓		
The Radio Works				✓	✓		
Van Gorden			✓	✓			
W1JC				✓		✓	
W9INN				✓			

Notes:

¹ Trailer-hitch antenna mount

² HF and VHF versions available

³ 144-MHz option available

⁴ Rotatable

Table 3
Antenna Parts

Manufacturer	Hardware	Insulators	Traps	Aluminum Tubes ¹	Wire
Alexander Aeroplane Co				✓	
Antennas Etc	✓	✓	✓		
Barker & Williamson		✓	✓		
Cable X-Perts	✓	✓	✓		✓
Kilo-Tec	✓	✓			✓
Maxrad	✓				
Metal & Cable, Inc				✓	
Ocean State Electronics	✓	✓			✓
Radiokit		✓			
Spi-Ro		✓	✓		✓
Telex/Hy-Gain		✓			
Texas Radio					
Texas Towers				✓	
The Radio Works		✓			✓
Van Gorden	✓	✓	✓		
The Wireman					✓
W1JC		✓			✓
W9INN					✓

Notes:

¹ Also check your local Yellow Pages.

Table 4
Suppliers of Quad Antenna Parts

Fiberglass and Bamboo Poles for Spreaders

Company	Material Size
Advanced Composites	1 ³ / ₄ and 1 ¹ / ₂ -in. OD, 12 and 20 foot lengths
dB+ Enterprises	1 ¹ / ₁₆ -in. diameter, 13-ft lengths. Severe-duty cubical quads and accessories.
Lightning Bolt	Custom made fiberglass spreaders, any length
Sky-Pole Manufacturing, Inc	Vauling poles and tubing of various sizes and lengths. 1 to 1 ⁵ / ₈ -in. tubing in odd lengths.
Tropical Accents	Bamboo poles

Table 5
Towers, Masts and Accessories

Towers

Aluma
Create Design
Glen Martin Engineering
Heights Tower
National Tower
Radio Shack (masts only)
Rohn
Telex/Hy-Gain
Texas Tower
Tri-Ex
Trylon
Universal Manufacturing
US Tower

Climbing and Safety Equipment

ONV
RADIOKIT

Rotators

C.A.T.S. (repair)
Create Design
Mosley
Ocean State Electronics
Radio Shack
Telex/Hy-Gain
Yaesu

Stacking Frames

(Unless otherwise noted these frames are for use in stacking the manufacturer's own antennas in pairs or quads. These stacking kits are for VHF or UHF antennas only.)

Cushcraft
Down East
IIX
Mosley
Rutland Arrays
Spectrum International

Combiners, Power Dividers and Phasing Harnesses

(These devices are usually made by a manufacturer for use when stacking his antennas in pairs or quads)

Byers (Not specific to particular antennas, kits only for 144-1250 MHz)
Cushcraft
Down East
Spectrum International
Tonna

Table 6
Transmission Lines

Major manufacturers of cable usually do not sell direct to amateurs. Almost all ham distributors sell coax cables. The companies listed below specialize in selling RF connectors and transmission lines.

Source	Coax	Hardline	Ladder Line
AGW		✓	
Belden	✓	✓	
Cable X-Perts	✓	✓	✓
International Wire & Cable	✓		
Nemal	✓	✓	
RADKIOKIT			✓
The Radio Works	✓		✓
W1JC			✓
W9INN			✓
The Wireman	✓	✓	✓

Table 7
Transmission Line Instruments and Accessories

Matching Networks

Ameritron
Barker & Williamson
ICOM (mobile & fixed)
Kenwood
MFJ
Nye
Ocean State Electronics
Ten-Tec
Texas Radio (mobile only)
Vectronics

Ferrite Cores and Rods

Amidon
Palomar
RADIOKIT

Filters—TVI (Low Pass and High Pass)

Antennas Etc
K-Com
Tucker Electronics

Lightning Arresters

Alpha Delta
Ameritron
Comet
Cushcraft
Industrial Communication Engineers
Lightning and Noise Protectors
MFJ
Polyphaser
Radioware
Rohn
Telex/Hy-Gain
The Wireman
Zero Surge Inc

Switches (Manual, Coax)

Alpha Delta
Barker & Williamson
MFJ

Switches (Remote, Coax)

Ameritron
Antennas Etc

SWR and Wattmeters

AEA (SWR analyzer)
Autek
Bird
Coaxial Dynamics
Dielectric Communications
MFJ (SWR analyzer)
Nye (including audible version for the visually impaired)
Palomar
RF Parts
Texas Radio

Table 8
Suppliers Addresses

We have made every effort to ensure that this list is complete and accurate as of December 1997. The American Radio Relay League takes no responsibility for errors or omissions. Similarly, a listing here does not represent an endorsement of a manufacturer or products by the ARRL. Refer to the product reviews in *QST* for descriptions of particular products that interest you. To the best of our knowledge the suppliers listed are willing to sell products to amateurs by mail unless indicated otherwise. This listing will be updated with each edition of *The Antenna Book* and *The ARRL Handbook* in the TISFIND manufacturer database. Check ads in *QST* and other Amateur Radio publications for any changes to this information. Suppliers who wish to be listed or update their information are urged to contact the editors.

Key to symbols used:

N = No direct sales, sells through distributors only
D = Direct sales only
K = Product available in kit form only (most beam antennas require some assembly but are not listed as kits)
U = Sells used parts/equipment

Advanced Composites, PO Box 65323, Salt Lake City, UT 84165

AEA—Div. Tempo Research Corporation, 1221 Liberty Way, Vista, CA 92083, 760-598-9677, 800-258-7805, fax: 760-598-4898

AGW Enterprises, Inc (D), RD #10, Rte 206, Vincentown, NJ 08088

Alexander Aeroplane Co, PO Box 909, Griffin, GA 30224, 800-831-2949, 404-229-2329

Alpha Delta Communications , PO Box 620 , Manchester, KY 40962, 606-598-2029, fax: 606-598-4413

Aluma Tower Co, Inc , PO Box 2806-AL , Vero Beach, FL 32961-2806, 561-567-3423, fax: 561-567-3432,
e-mail: aluma-t@iu.net

Amateur Electronic Supply, 5710 W Good Hope Rd, Milwaukee, WI 53223, 800-558-0411, <http://www.aesham.com/>

Ameritron Division , 921 Louisville Rd, Starkville, MS 39759, 601-323-9715, 601-323-6551,
e-mail: 76206.1763@compuserve.com

Amidon Inc., 3122 Alpine Ave, Santa Ana, CA 92799, 714-850-4660, fax: 714-850-1163

Antennaco Inc (K), 102 Armory Road, PO Box 218, Milford, NH 03055-0218, 603-673-3153, fax: 603-673-4347

Antennas West, PO Box 50062Q, Provo, UT 84605, 801-373-8425, fax: 801-375-8426

Antenna Specialists Co (N) , Div of Allen TeleCom Group, 30500 Bruce Industrial Pkwy , Cleveland, OH 44139-3996, 216-349-8400, fax: 216-349-8407

ASA Antenna Sales, PO Box 3461, Myrtle Beach, SC 29578, 800-772-2681

Associated Radio Communications, 8012 Conser, Overland Park, KS 66204, 913-381-5900, 800-497-1457, fax: 913-648-3020, e-mail: assocrad@tfs.net

Austin Amateur Radio Supply, 5310 Cammeron Road, Austin, TX 78723, 800-423-2604, 512-454-2994, fax: 512-454-3069

Austin Antenna, Ltd, 10 Main St , Gonic, NH 03839, 603-336-6339, fax: 603-335-1756

Autek Research, PO Box 8772, Madeira Beach, FL 33738, 813-886-9515

Aztec RF, PO Box 1625, Valley Center, CA 92082, 619-751-8610

Barker & Williamson Co , 10 Canal St , Bristol, PA 19007 , 215-788-5581, fax: 215-788-9577

Barry Electronics Corp, 540 Broadway, New York, NY 10012, 212-925-7000, fax: 212-925-7001

Belden Wire & Cable, PO Box 1980, Richmond, IN 47374, 317-983-5257, fax: 317-983-5257

Bird Electronic Corp (N), 30303 Aurora Rd , Cleveland, OH 44139, 216-248-1200, fax: 216-248-5426

Brian Beezley, K6STI, 3532 Linda Vista Dr, San Marcos, CA 92069, 619-599-4962, e-mail: k6sti@n2.net

Brownville Sales Company, Route 2, Box 104, Stanley, WI 54768-9418, 715-644-2112, fax: 715-644-2621

Burghardt Amateur Center, Inc, 182 North Maple, PO Box 73, Watertown, SD 57201, 800-927-4261, 605-886-7314 (Service), fax: 605-886-3444 , <http://www.daknet.com/~burghart/>

Butternut Electronics Co (N) , 831 North Central Ave, Wood Dale, IL 60191, 708-238-1854, fax: 708-238-1186

Byers Chassis Kit (D,K), 5120 Harmony Grove Rd , Dover, PA 17315 , 717-292-4901

Cable X-Perts Inc, 416 Diens Drive, Wheeling, IL 60090, 847-520-3003, fax: 847-520-3444, e-mail: cxp@ix.netcom.com, <http://www.hightec.com/cxp/>

Cardwell Condenser Corp, 80 East Montauk Hwy, Lindenhurst, Long Island, NY 11757, 516-957-7200, fax: 516-957-7203

C.A.T.S. (D,U), 7368 SR 105, Pemberville, OH 43450, 419-352-4465, fax: 419-353-2287

C-Comm, 6115 15th NW, Seattle, WA 98107, 206-784-7337, 800-426-6528, fax: 206-784-0541

Centurion International, PO Box 82846, Lincoln, NE 68501-2846, 402-467-4491, fax: 800-848-3825

Coaxial Dynamics Inc , 15210 Industrial Pkwy , Cleveland, OH 44135, 216-267-2233, fax: 216-267-3142, email: coaxial@apk.net, <http://www.coaxial.com>

Comet, sold by NCG

Comm-Pute, Inc, 7946 State Street, Midvale, UT 84047, 800-942-8873, 801-567-9494

Communication Headquarters Inc, 3832 Oleander Dr, Wilmington, NC 28403, 910-791-8885, fax: 910-452-3891, <http://www.chq-inc.com/>

Communications Data Corp, 1051 Main St, St Joseph, MI 49085, 616-982-0404, fax: 619-982-0433, e-mail: did@gtm.net

Comtelco Industries Inc, 501 Mitchell Rd, Glendale Heights, IL 60139, 800-634-4622, 708-7790-9894, fax: 708-798-9799

Create Design or Creative Design, sold by EDCO

Cubex Corp , 2761 Saturn Street, E, Brea, CA 92621, 714-577-9009, fax: 714-577-9124, e-mail: ebuchannan@gnn.com, <http://www.cubex.com/>

Cushcraft Corp , 48 Perimeter Rd , Manchester, NH 03103, 603-627-7877, fax: 603-627-1764 , e-mail: sales@cushcraft.com, <http://www.cushcraft.com>

Daiwa, sold by EDCO

Davis RF Co, PO Box 730, Carlisle, MA 01741, 508-71-1356, fax: 508-369-3484, e-mail: davisrfinc@aol.com, <http://www.cqinternet.com/davisrf/>

dB+ Enterprises (D), PO Box 262, Horseheads, NY 14845

Diamond Antennas, sold by [RF Parts](#)

Down East Microwave , 954 Rt 519, Frenchtown, NJ 08825, 908-996-3584,
fax: 908-946-3072, <http://downeastmicrowave.com/>

Dressler Hochfrequenztechnik GMBH , Werther Strasse 14-16 , W-5190 Stolberg , Germany

EDCO Electronics Distributors (Create Design), 325 Mill St, Vienna, VA 22180, 703-938-8105, fax: 703-939-6911

Electronic Equipment Bank, 323 Mill St, NE, Vienna, VA 22180, 703-938-3350, fax: 703-938-6911,
e-mail: eeb@access.digex.net, <http://www.access.digex.net/~eeb/eeb.html>

Eur-AM, PO Box 990, Meredith, NH 03253-0990, 603-279-1393, fax: 603-279-1394

Flytecraft, PO Box 3141, Simi Valley, CA 93093, 805-583-8173

Force 12 Antennas and Systems, 3015-B Copper Rd, Santa Clara, CA 95051-0701, 408-720-9073, fax: 408-720-9055

GAP Antenna Products, 6010 N Old Dixie Hwy, Bldg B , Vero Beach, FL 32967, 407-778-3728

Gem Quad Products Ltd (D) , PO Box 291 , Boissevain, MB R0K 0E0 , Canada , 204-534-6184,
e-mail: gemquad@docker.com, <http://www.docker.com/~gemquad/>

GLA Systems, PO Box 425, Caddo Mills, TX 75135, 903-527-4163, 800-588-2841, fax: 214-381-2895

Grove Enterprises , PO Box 98 , Brasstown, NC 28902 , 704-837-9200 (BBS), 704-837-2216,
e-mail: nada@grove.net, <http://www.grove.net/>

Ham Radio Outlet, 1702 W. Camelback Rd, Phoenix, AZ 85015, <http://www.hamradio.com/>, 800-444-4799

Mid Atlantic, 800-444-9476

Mountain, 800-444-0047

New England , 800-644-4476

Northeast, 800-444-7927

Southeast, 800-854-6046 West

Ham Station, 220 N Fulton Ave, PO Box 6522, Evansville, IN 47719-0522, 812-422-0231,
fax: 812-422-4253, e-mail: hamstat@evansville.net, <http://www.evansville.net/~hamstat/>

Hamtronics, Inc (D) , 65-Q Moul Rd , Hilton, NY 14468, 716-392-9430, fax: 716-392-9420

High Sierra Antennas, PO Box 2389, Nevada City, CA 95959, 916-273-3415, fax: 916-273-7561,
e-mail: cobbler@hsantennas.com, <http://www.hsantennas.com/info/>

Hustler/Newtronics Antenna Corp (N) , 1 Newtronics Place, Mineral Wells, TX 76067 , 817-325-1386, fax: 817-328-1409

Hy-Gain ,see Telex Communications Inc

Industrial Communications Engineers (ICE), PO Box 18495, Indianapolis, IN 46218-0495, 317-545-5412,
800-423-2666, fax: 317-545-9645

IIX Equipment Ltd, PO Box 9, Oak Lawn, IL 60454, 708-423-0605, fax: 708-423-1691, <http://www5.interaccess.com/iixeqpt/>

International Radio, 13620 Tyee Road, Umpqua, OR 97486, 541-459-5623, fax: 541-459-5632,
e-mail: inrad@rosenet.net, web: www.qth.com/inrad/

Jade Products, PO Box 368, East Hampstead, NH 03826-0368, 800-523-3776, 603-329-6995, fax: 603-329-4499, e-mail:
jadepro@jadeprod.com, <http://www.jadeprod.com>

Kilo-Tec (D) , PO Box 10 , Oakview, CA 93022 , 805-646-9645,

K-COM, PO Box 82, Randolph, OH 44265, 330-325-2110, fax: 330-325-2525

KLM Antennas, PO Box 694, Monroe, WA 98272, 360-794-2923, fax: 360-794-0294, e-mail: klm_antennas@msn.com

Lakeview Co Inc, Rte 7, Box 258, Anderson, SC 29624, 803-226-6990, fax: 803-225-4565

Larsen Electronics, Inc (N), PO Box 1799, Vancouver, WA 98668-1799, 800-426-1656, 360-944-7551

Lentini Communications, 21 Garfield St, Newington, CT 06111, 860-666-6227, fax: 860-667-3561,
e-mail: 102200.1047@compuserve.com

Lewallen, Roy, W7EL, PO Box 6658, Beaverton, OR 97007, 503-646-2885, fax: 503-671-9046, e-mail: w7el@teleport.com

Lightning Bolt Antennas (D), RD #2, Rte 19, Volant, PA 16156, 412-530-7396, fax: 412-530-6796

LTA Industries (D), See Radio Bookstore/Radioware

M² Enterprises (D), 7560 N Del Mar Ave, Fresno, CA 93711, 209-432-8873, fax: 209-432-3059

M/A-COM, Inc (an AMP Company), 1011 Pawtucket Blvd, PO Box 3295, Lowell, MA 01853-3295, 508-442-4500, fax: 508-442-4436, e-mail: sales@macom.com, <http://www.amp.com>

Maldol USA, 4711 NE 50th St, Seattle, WA 98105, Answerfax: 206-525-1896, fax: 206-524-7826, email: transtec@cyberquest.com

Glen Martin Engineering , RR 3, Box 322 , Boonville, MO 65233, 816-882-2734, fax: 816-882-7200

Maryland Radio Center, 8576 Laureldale Dr, Laurel, MD 20707, 800-447-7489, 301-725-1212, fax: 301-725-1198, e-mail: weather@weathernode.com

MCM Electronics, 650 Congress Park Dr, Centerville, OH 45459-4072, 800-543-4330, fax: 513-434-6959

Memphis Amateur Electronics, 1465 Wells Station Rd, Memphis, TN 38108, 901-683-9125, 800-238-6168, fax: 901-682-7165

Metal & Cable Corp, Inc (D) , 9241 Ravenna Road, Unit C-10, PO Box 117 , Twinsburg, OH 44087, 216-425-8455, fax: 216-425-3504

MFJ Enterprises, Inc , PO Box 494 , Mississippi State, MS 39762, 601-323-0549, fax: 601-323-6551, e-mail: 76206.1763@compuserve.com

Michigan Radio, 23040 Schoenherr, Warren, MI 48089, 810-771-4711, fax: 810-771-6546

Mirage Communications, 116 Willow Road, Starkville, MS 39759, 601-323-8287, fax: 601-323-6551

James Millen Electronics Mfg, PO Box 4215BV, Andover, MA 01810-4215, 508-975-2711, fax: 508-474-8949

Mosley Electronics, Inc , 10812 Ambassador Blvd, St Louis, MO 63132, 314-994-7872 , fax: 314-994-7873

Multi-Band Antennas (Spider Antennas), 7131 Owensworth Ave, Suite 63C, Canoga Park, CA 91303, 818-341-5460

National Tower Co, PO Box 15417, Shawnee Mission, KS 66285, 800-762-5049, 913-888-8864

NCG Companies—Comet Antenna, 1275 North Grove St , Anaheim, CA 92806, 714-630-4541, 800-962-2611, fax: 714-630-7024

Nemal Electronics International, Inc (D) , 12240 NE 14th Ave, North Miami, FL 33161, 305-893-3924 , 800-522-2253, fax: 305-895-8178, e-mail: nemal@mcimail.com, <http://www.nemal.com>

William M. Nye Co , PO Box 1877, Priest River, ID 83856, 208-448-1762, fax: 208-448-1832

Ocean State Electronics, PO Box 1458, 6 Industrial Dr, Westerly, RI 02891, 401-596-3080, 800-866-6626, fax: 401-596-3590

ONV Safety Belt, PO Box 404, Ramsey, NJ 07446, 800-345-5634, fax: 201-327-2462

Orion, now sold by M²

Outbacker Antenna Sales, 330 Cedar Glen Circle, Chattanooga, TN 37412, 615-899-3390, fax: 615-899-6536

Palomar Engineers , PO Box 462222, Escondido, CA 92046 , 619-747-3343, fax: 619-747-3346, e-mail: 75353.2175@compuserve.com

Phillystran, Inc, 151 Commerce Dr , Montgomeryville, PA 18936 , 215-368-6611, fax: 215-362-7956

PolyPhaser Corp, 2225 Park Place, PO Box 9000, Minden, NV 89423-9000, 702-782-2511, fax: 702-782-4476, e-mail: info@polyphaser.com, <http://www.greatbasin.net/~poly/>

Radio Center USA, 1242 Howell, N. Kansas City, MO 64116, 816-459-8832, 800-821-7323

Radio City, 2663 County Rd I, Mounds View, MN 55112, 612-786-4475, 800-426-2891, fax: 612-786-6513, <http://www.radioinc.com>

Radio Engineers, 7969 Engineer Road, Suite 102, San Diego, CA 92111, 619-565-1319, fax: 619-571-5909

Radiokit (D) , PO Box 973 , Pelham, NH 03076, 603-635-2235, fax: 603-635-2943

Radio Shack , (Contact your local store)

Radio Switch Corp, 64 South Main St, PO Box 159, Marlboro, NJ 07746-0159, 908-462-6100

Radio Bookstore/Radioware, PO Box 209, Rindge, NH 03461, 800-457-7373, fax: 603-899-6826, e-mail: nx1g@top.monad.net, web: www.radiobooks.com

Radio Works (D) , PO Box 6159 , Portsmouth, VA 23703, 804-484-0140 , fax: 804-483-1873

RF Parts Co, 435 South Pacific St, San Marcos, CA 92069, 619-744-0700, fax: 619-744-1943

Roadrunner Resonator, 1850 Swanson, #A20, Lake Havasu, AZ 86403, 520-453-7211

Rohn , PO Box 2000 , Peoria, IL 61656, 309-697-4400 , fax: 309-697-5612, e-mail: mail@rohnnet.com

Ross Distributing Co, 78 South State St, Preston, ID 83263, 208-852-0830, fax: 208-852-0833

Sky-Pole Manufacturing, Inc, 1922 Placentia Ave, Costa Mesa, CA 92627,

Sommer Antennas (D) , PO Box 710, Geneva, FL 32732, 407-349-9114, fax: 407-349-2485, e-mail: sommer1@ix.netcom.com, <http://www.sommerantennas.com>

Spectrum International, Inc (D) , PO Box 1084 , Concord, MA 01742 , 508-263-2145, fax: 508-263-7008

Spi-Ro Manufacturing, Inc , PO Box 2800 , Hendersonville, NC 28793, 704-693-1001

Surplus Sales of Nebraska (U), 1502 Jones St, Omaha, NE 68102-3112, 402-346-4750, fax: 402-346-2939

Telex Communications, Inc (N), Hy-Gain, 8601 East Cornhusker Hwy, Lincoln, NE 68505, 402-467-5321, 402-465-7021 (parts and service), fax: 402-467-3279

Tennadyne, HC81, Box 347A, Junction, TX 76849, 915-446-4510

Texas Radio Products , 5 E Upshaw , Temple, TX 76501, 817-771-1188

Texas Towers, 1108 Summit Ave, Suite 4, Plano, TX 75074, 800-272-3467, 972-422-7306, fax: 972-881-0776

TIC General, PO Box 1 - 1110 Airport Road, Thief River Falls, MN 56701, 218-681-1119, fax: 218-681-8509

Tri-Ex Tower, 7182 Rasmussen Ave, Visalia, CA 93291, 209-651-7850 ext 352 or 353, fax: 209-651-5157

Tropical Accents, 1015 Wilder Way, PO Box 6493, Tyler, TX 75711

Tucker Electronics and Computers, 1717 Reserve St., PO Box 551419, Garland, TX 75355-1419

USA, 800-527-4642 (Test equipment and catalog requests), 800-559-7388 (Radio orders), fax: 214-340-5460, web: <http://www.tucker.com/>

Unadilla Antenna , PO Box 4215 , Andover, MA 01810-4215 , 508-975-2711, fax: 508-474-8949

Universal Manufacturing Co, 43900 Groesbeck Hwy, Clinton Township, MI 48036, 810-463-2560, fax: 810-463-2964

US Tower Corp , 1220 Marcin St , Visalia, CA 93291, 209-733-2438, fax: 209-733-7194

Valor Enterprises, 1711 Commerce Dr, PO Box 601, Piqua, OH 45346-0601, 513-778-0074, 800-543-2197, fax: 513-778-8259

Van Gorden Engineering , PO Box 21305 , South Euclid, OH 44121

Van Valzah Co, 38 W 111 Horseshoe Dr, Batavia, IL 60515-9730, 708-406-9210

Vectronics, See Ham Radio Outlet

W1JC—TV Evans, 113 Stratton Brook Rd, Simsbury, CT 06070

W9INN Antennas (D), PO Box 393 , Mt Prospect, IL 60056 , 847-394-3414

Wacom Products, PO Box 21145, Waco, TX 76702, 817-848-4435, fax: 817-848-4209

The Wireman Inc, 261 Pittman Rd, Landrum, SC 29356-9544, 864-895-4195 (technical), fax: 803-895-5811, 800-727-9473 Orders only, e-mail: cqwire@juno.com, n8ug@juno.com, <http://www.thewireman.com>

Yaesu USA (N), 17210 Edwards Rd, Cerritos, CA 90703, 310-404-2700, fax: 310-404-1210, <http://www.yaesu.com/>